



State of Utah Exploration and Production Company

1500 North Temple, Suite 1210

Salt Lake City, Utah 84114

Phone: (313) 308-3068 Fax: (313) 241-1336

Return Address: Same as above

January 25, 2007

Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

GB #1M-4-8-22R
Section 4-T8S-R22E
Uintah County, Utah

To Whom It May Concern:

In reference to the State Oil and Gas Conservation rule R649-3-3 Questar Exploration and Production Company's GB #1M-4-8-22R is an exception to this rule due to topography.

There are no additional lease owners within 460' of the proposed location. If you have any questions, please contact Debbie Stanberry at (303) 308-3068, (303) 241-1336 cell.

Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Debra K. Stanberry". The signature is fluid and cursive, with the first name "Debra" being the most prominent.

Debra K. Stanberry
Supervisor, Regulatory Affairs

Attachment.

RIG SKID

Form 3160-3
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-02510A
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name n/a
2. Name of Operator QUESTAR EXPLORATION AND PRODUCTION COMPANY		7. If Unit or CA Agreement, Name and No. White River Unit
3a. Address 1571 E 1700 S VERNAL UT 84078		8. Lease Name and Well No. GB 1M-4-8-22R
3b. Phone No. (include area code) (303) 308-3068		9. API Well No. 43-047-38990
4. Location of well (Report location clearly and in accordance with any State requirements. *) At surface Lot 8 1147' FNL x 474' FEL 433161 X 40.157650 At proposed prod. zone 4446217 Y same -109.436473		10. Field and Pool, or Exploratory White River
14. Distance in miles and direction from the nearest town or post office* +/- 34 miles southeast of Vernal, Utah		11. Sec., T., R., M., or Blk. And Survey or Area Sec. 4 T8S R22E SLBM
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any) 474'	16. No. of acres in lease 907.83	12. County or Parish Uintah
17. Spacing Unit dedicated to this well 40	13. State Utah	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. +/- 1500'	19. Proposed Depth 16,700'	20. BLM/ BIA Bond No. on file ESB000024
21. Elevations (Show whether DF, RT, GR, etc.) graded ground 5168'	22. Approximate date work will start* immediately upon approval	23. Estimated duration 75 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1 shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by existing bond on file (see item 20 above).
- Operator certification.
- Such other site specific information and/ or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/ Typed) Debra K. Stanberry	Date 1/23/2007
Title Supervisor, Regulatory Affairs		
Approved By (Signature) 	Name (Printed/ Typed) BRADLEY G. HILL	Date 01-25-07
Title Officer ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to co operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

**Federal Approval of this
Action is Necessary**

T8S, R22E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

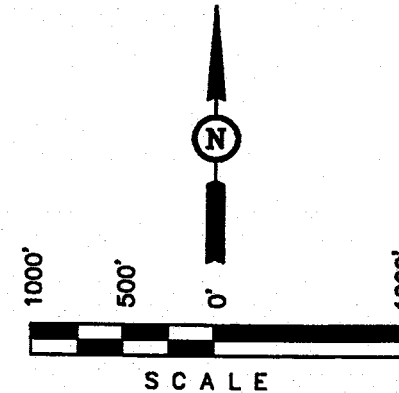
Well location, GB #1M-4-8-22R, located as shown in Lot 8 of Section 4, T8S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

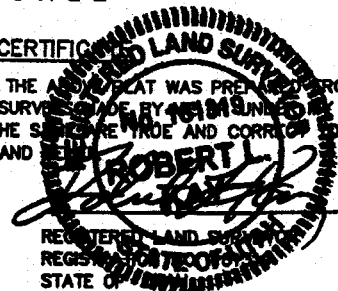
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATION

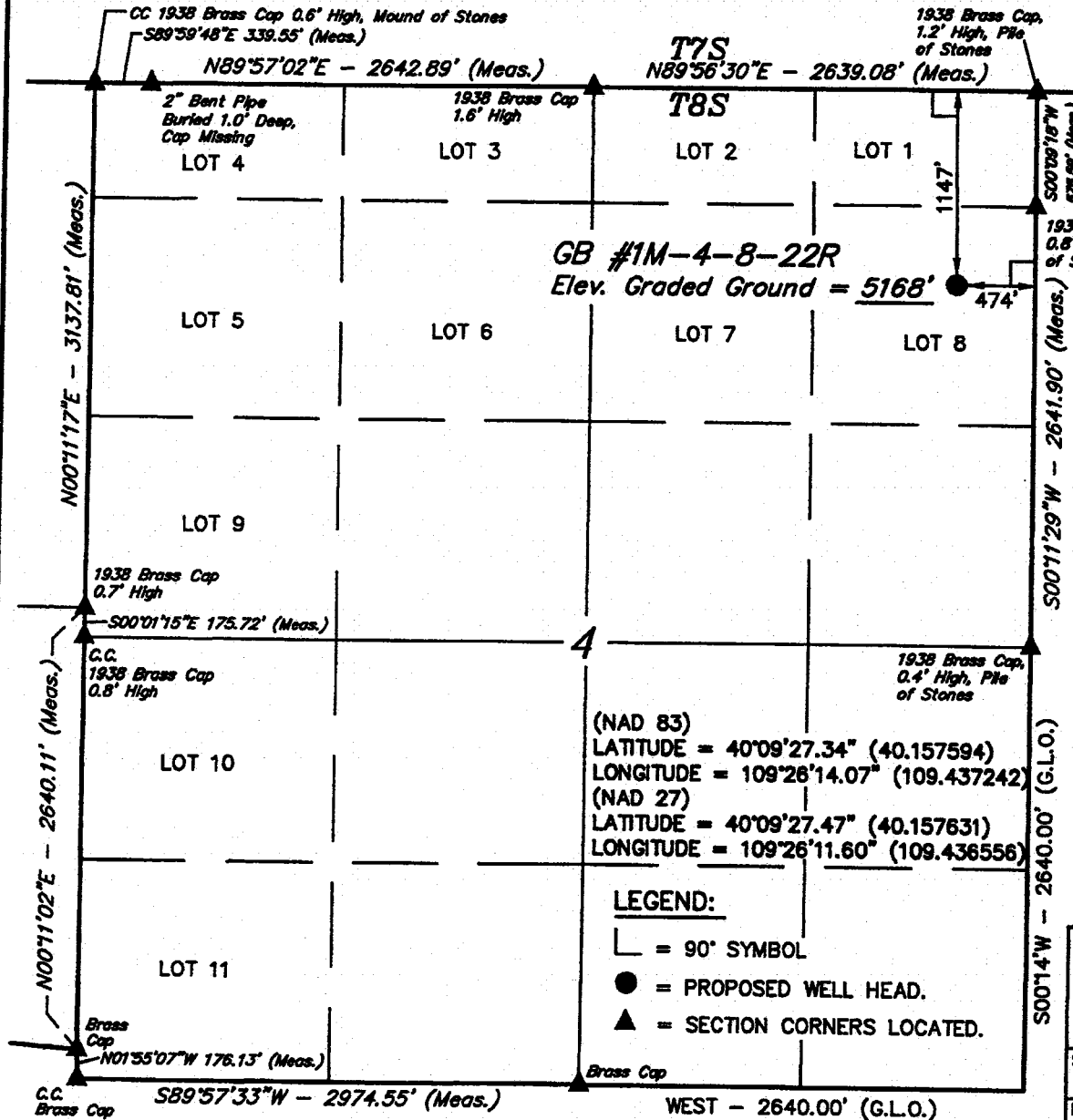
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ROBERT L. KAY, REGISTERED LAND SURVEYOR, UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 01-23-07 S.L.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 06-21-06	DATE DRAWN: 06-21-06
PARTY N.H. D.B. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QUESTAR EXPLR. & PROD.	



Additional Operator Remarks

Questar Exploration and Production Company proposes to drill a well to 16,700' to test the Mancos. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements

See Onshore Order No. 1 attached

Please be advised that Questar Exploration and Production Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. ESB000024. The principal is Questar Exploration and Production Company via surety as consent as provided for the 43 CFR 3104.2.

This well is a replacement well for the GB 1M-4-8-22.

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	3,260'
Wasatch	6,560'
Mesaverde	9,295'
Sego	11,650'
Castlegate	11,895'
Blackhawk	12,375'
Mancos Shale	12,775'
Mancos B	13,125'
Frontier	15,900'
TD	16,700'

2. **Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Wasatch	6,965'
Gas	Mesaverde	9,835'
Gas	Blackhawk	13,035'
Gas	Mancos Shale	13,475'
Gas	Mancos B	14,060'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will

DRILLING PROGRAM

be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment:

- A. 13-5/8" 5000 psi double gate, 5,000 psi annular BOP (schematic included) from surface hole to 9-5/8" casing point.
- B. 11" 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic included) from 9-5/8" casing point to total depth.
- C. Functional test daily
- D. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- E. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 10M system and individual components shall be operable as designed.

4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
26"	20"	sfc	40-60'	Steel	Cond.	None	Used
17-1/2"	13-3/8	sfc	500'	54.5	K-55	STC	New
12-1/4"	9-5/8"	sfc	6700'	47	HCP-110	LTC	New

DRILLING PROGRAM

8-1/2"	7"	6000'	9000'	26	HCP-110	LTC	New
8-1/2"	7"	9000'	12,000'	29* SDrift	HCP-110	LTC	New
6-1/8"	4-1/2"	sfc	13,700'	15.1	P-110	LTC	New
6-1/8"	4-1/2"	13,700'	16,700'	15.1	Q-125	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
13-3/8"	54.5 lb.	K-55	STC	1,130 psi	2,730 psi	547,000 lb.
9-5/8"	47 lb.	HCP-110	LTC	7,100 psi	9,440 psi	1,213,000 lb.
7"	26 lb.	HCP-110	LTC	7,800 psi	9,950 psi	693,000 lb.
7"	29 lb.*	HCP-110	LTC	9,200 psi	11,220 psi	797,000 lb.
4-1/2"	15.1 lb.	P-110	LTC	14,350 psi	14,420 psi	406,000 lb.
4-1/2"	15.1 lb.	Q-125	LTC	15,840 psi	16,380 psi	438,000 lb.

*** Special Drift**

MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125

BURST: 1.10

TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot

Maximum anticipated mud weight: 15.4 ppg

Maximum surface treating pressure: 12,500 psi

5. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes

DRILLING PROGRAM

If drilling with air the following will be used:

- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 15.4 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. Testing, logging and coring program

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud logging – 4500' to TD
GR-SP-Induction, Neutron Density, FMI
- D. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

20" Conductor:

Cement to surface with construction cement.

DRILLING PROGRAM

13-3/8" Surface Casing: sfc - 500' (MD)

Slurry: 0' - 500'. 610 sxs (731 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% CaCl₂
Slurry wt: 15.6 ppg, **slurry yield:** 1.20 ft³/sx, **slurry volume:** 17-1/2" hole + 100% excess.

9-5/8" Intermediate Casing: sfc - 6700' (MD)

Lead Slurry: 0' - 6,450'. 1374 sks (4040 cu ft) Rockies LT cement + 0.25 lb/sk Flocele.
Slurry wt: 11.5 ppg, **Slurry yield:** 2.94 ft³/sk, **Slurry volume:** 12-1/4" hole + 100% excess.

Tail Slurry: 6,450' - 6,700'. 80 sks (157 cu ft) Rockies LT cement + 0.25 lb/sk Flocele.
Slurry wt: 13.0 ppg, **Slurry yield:** 1.99 ft³/sk, **Slurry volume:** 12-1/4" hole + 100% excess.

7" Intermediate Casing: 6000 - 12,000' (MD)

Foamed Lead Slurry 2: 6,000' - 11,500'. 540 sks (1046 cu ft) 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive + 1.5% Zonesalant 2000 foamer.
Slurry wt: 14.3 ppg, **foamed 11.5 ppg**, **Slurry yield:** 1.48 ft³/sk, **Slurry yield foamed:** 1.96 ft³/sk, **Slurry volume:** 8-1/2" hole + 50% excess.

Tail Slurry: 11,500' - 12,000'. 42 sks (70cu ft) of 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive. **Slurry wt:** 14.3 ppg, **Slurry yield:** 1.48 ft³/sk, **Slurry volume:** 8-1/2" hole + 50% excess.

Top Out Cement: 75 sks (117 cu ft) Premium cement + 10 lb/sk gilsonite + 12% Cal-Seal 60 + 3% CaCl₂.

4-1/2" Production Casing: sfc - 16,700' (MD)

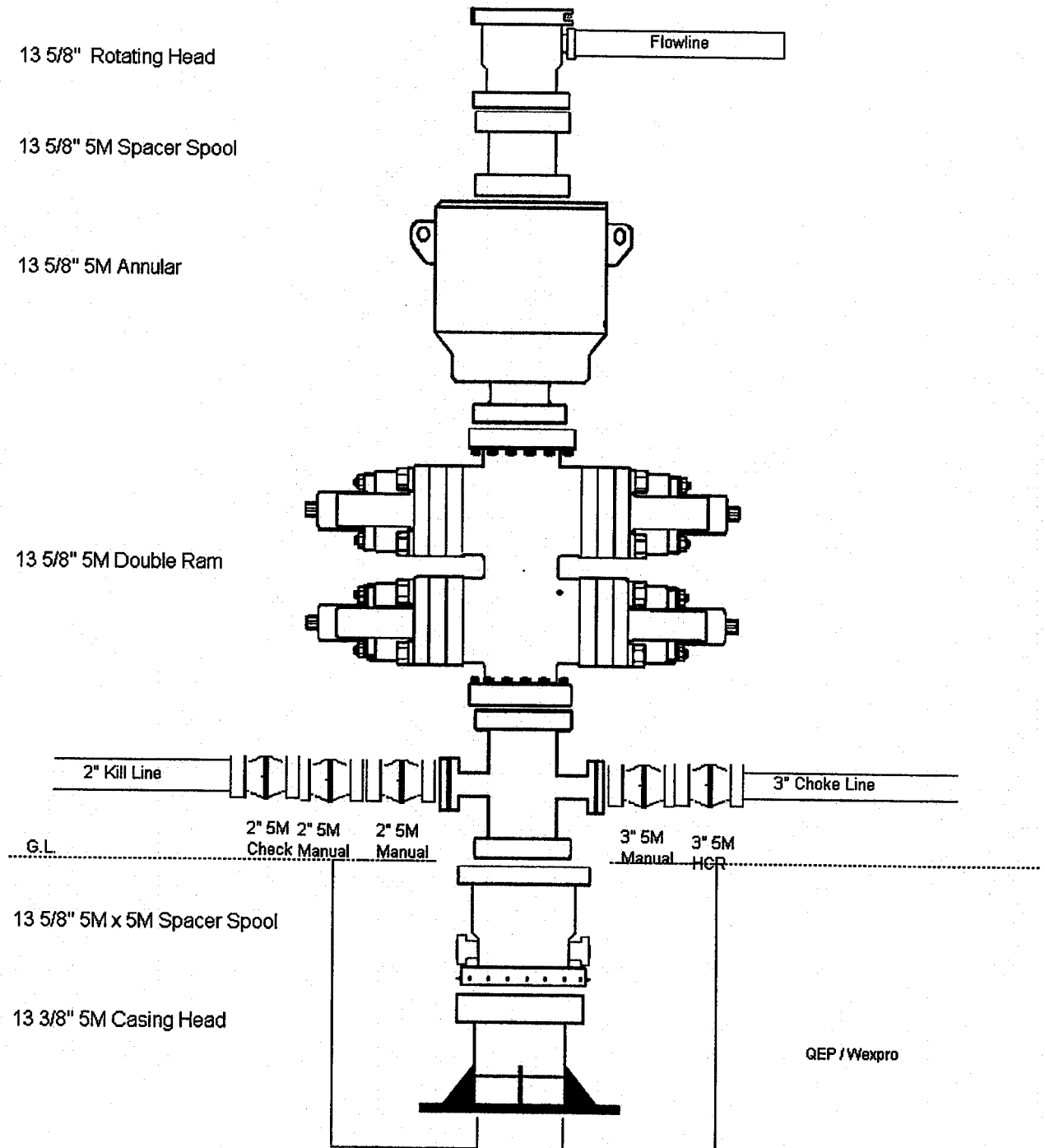
Lead/Tail Slurry: 6,500 - 16,700'. 995 sks (1630 cu ft) Premium Cement + 0.5% HR-12 retarder + 35% SSA-1 + 0.2% Suspend HT + 0.4% Halad(R)-344 fluid loss + 0.3% Halad(R)-413 fluid loss + 0.4% Super CBL gas migration + 0.2% HR-25 retarder. **Slurry wt:** 15.25 ppg, **Slurry yield:** 1.64 ft³/sk, **Slurry volume:** 6-1/8" hole + 25% in open hole section.

*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 13,400 psi. Maximum anticipated bottom hole temperature is 320° F.

DRILLING PROGRAM

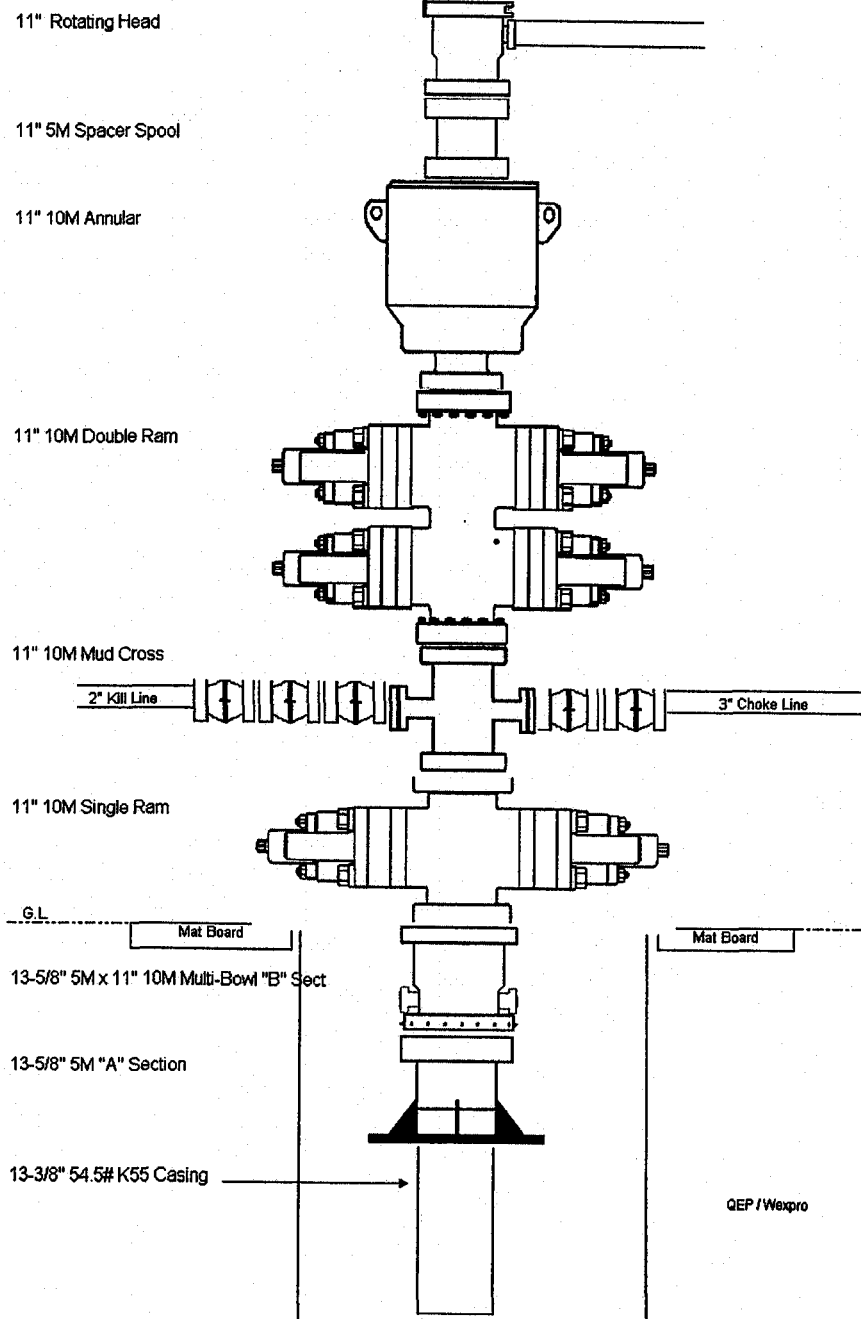


DRILLING PROGRAM

Purpose:

The stack arrangement with the 7" liner hanger allows an 11" stack to fit in the sub of Ensign 24 and True 32. This arrangement requires using a 5000 psi 13-5/8" double gate stack until the 9-5/8" is set. After the 9-5/8" casing is set, a spacer spool is nipped down and an 13-5/8" 5000 psi x 13-5/8" 10,000 psi "B" section is nipped up. The 11" 10K stack is nipped up on top of the "B" section.

BOP Requirements:



QEP UINTA BASIN, INC.
GB 1M-4-8-22R
1147' FNL x 474' FWL
LOT 8, SECTION 4, T8S, R22E
UINTAH COUNTY, UTAH
LEASE # UTU-02510-A

ONSHORE ORDER NO. 1

MULTI - POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the GB 1M-4-8-22 on July 20, 2006. Weather conditions were warm and clear at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler	Bureau of Land Management
Dixie Sadlier	Bureau of Land Management
Jan Nelson	QEP Uinta Basin Inc.

1. **Existing Roads:**

The proposed well site is approximately 34 miles southeast of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 - mile radius.

There will be no improvements made to existing roads.

2. **Planned Access Roads:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Refer to Topo Map B for the location of the proposed access road.

The proposed access road is under Right-Of-Way UTU-81241.

3. **Location of Existing Wells Within a 1 - Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Refer to Topo Map D for the location of the proposed pipeline.

The proposed pipeline is under Right-Of-Way UTU-81262.

QEP requests a surface pipeline based on the following justification included in the attached "Request for Exception".

5. Location and Type of Water Supply:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

6. Source of Construction Materials:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

7. Methods of Handling Waste Materials:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

8. Ancillary Facilities:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. Plans for Reclamation of the Surface:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Interim Reclamation

Please see attached Interim Reclamation plan.

Once the well is put onto production, QEP will reclaim as much of the well pad as possible that will allow for operations to continue in a safe and reasonable manner. Reseeding will be done in the spring or fall of every year to allow winter precipitation to aid in the success of reclamation.

Seed Mix:

Interim Reclamation:

9 lbs Hycrest Crested Wheatgrass

3lbs Forage Kochia

Final Reclamation:

Seed Mix # 5 4 lbs. Gardner Saltbush, 4 lbs. Hycrest Crested Wheat Grass, 4 lbs. Shadscale

11. Surface Ownership:

Bureau of Land Management

170 South 500 East

Vernal, Utah 84078

(435) 781-4400

12. Other Information

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A class III paleontological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Rod Scheetz. The inspection resulted in the location of no fossil resources. However, suggest the construction be monitored while construction is disturbing the Myton Member of the Uinta Formation. QEP will provide paleo monitor.

There is a Ferruginous Hawk Stipulation from March 1st to July 15th. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

QEP will construct reservoir near corner # 3. Install culvert as spillway. Reroute drainage around corner # 2. Install culvert as needed, use minimum 18" culvert. Contact Paul Buhler with BLM before construction begins.

Lessee's or Operator's Representative:

Debra K. Stanberry
Questar Exploration and Production Company
Denver, Colorado
(303) 308-3068

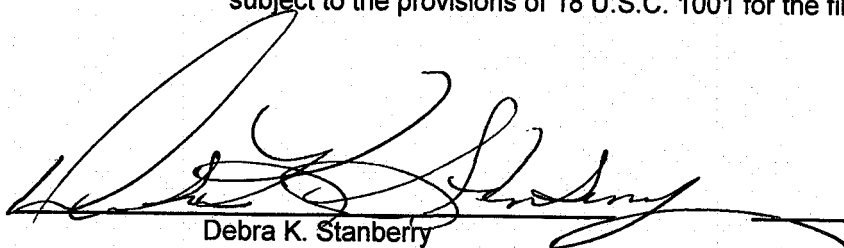
Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Questar Exploration and Production Company will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Questar Exploration and Production Company, its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



Debra K. Stanberry

Supervisor, Regulatory Affairs

Questar Exploration and Production Company

23-Jan-07

Date

FIGURE #1

GB #1M-4-8-22R

1147' FNL 474' FEL

Proposed Access Road

DEPARTMENT OF LAND SURVEYING
REGISTERED LAND SURVEYOR
No. 151319
ROBERT J. JAY
STATE OF TEXAS

Approx.
Toe of
Fill Slope

**Existing
Drainage**

NOTE:
Flare Pit is to be located
a min. of 100' from the
Well Head.

F-11.9'
El. 56.4'


F-6.7'
El. 61.6'

Sta. 4+00

**Round Corners
as Needed**

F-0.7'
El. 67.6'

F-1.0'
El. 67.3'



C-0.3'
El. 68.6'

El. 64.5'
C-8.2
(dtn. pit)

Sta. 2+10

C-1.7'
El. 70.0'

El. 70.2' |
C-13.9
(btm. pit) |

Approx.
Top of —
Cut Slope

C-5.1'
EL. 73.4'

C-6.3'
El. 74.6'

C-10.4'
El. 78.7'

C-22.7'
El. 91.0'

Elev. Ungraded Ground At Loc. Stake = 5168.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 5168.3'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1077

QUESTAR EXPLR. & PROD.

GB #1M-4-8-22^R

LOCATED IN UINTAH COUNTY, UTAH

SECTION 4, T8S, R22E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

01 14 03
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: P.M.

REV: 06-23-06 L.K.

QUESTAR EXPLR. & PROD.

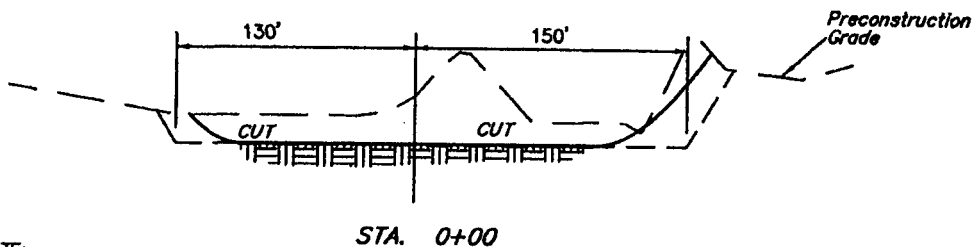
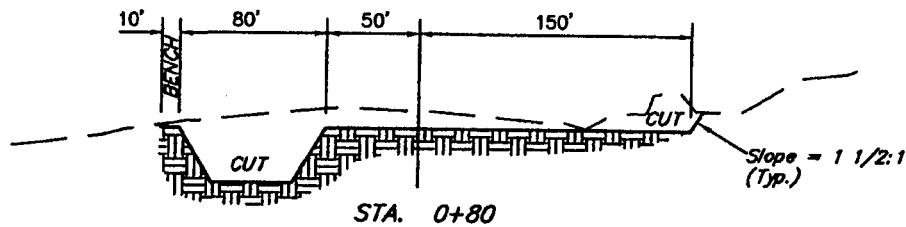
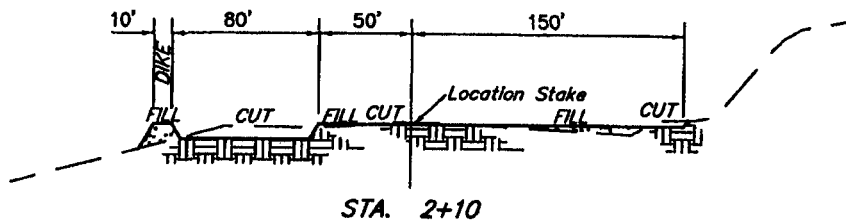
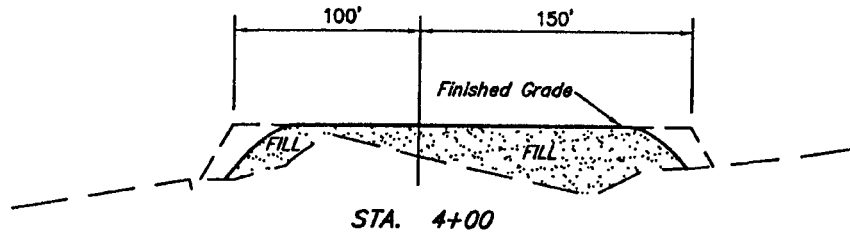
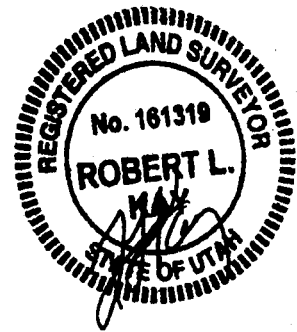
TYPICAL CROSS SECTIONS FOR

GB #1M-4-8-22R
SECTION 4, T8S, R22E, S.L.B.&M.
1147' FNL 474' FEL

FIGURE #2

1" = 40'
X-Section
Scale
1" = 100'

DATE: 06-22-06
Drawn By: D.R.B.
REVISED: 01-23-07 S.L.



NOTE:
Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 2,320 Cu. Yds.
Remaining Location = 10,620 Cu. Yds.
TOTAL CUT = 12,940 CU.YDS.
FILL = 8,770 CU.YDS.

EXCESS MATERIAL = 4,170 Cu. Yds.
Topsoil & Pit Backfill = 4,170 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

QUESTAR EXPLR. & PROD.

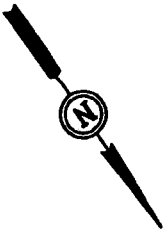
INTERIM RECLAMATION PLAN FOR

GB #1M-4-8-22R

SECTION 4, T8S, R22E, S.L.B.&M.

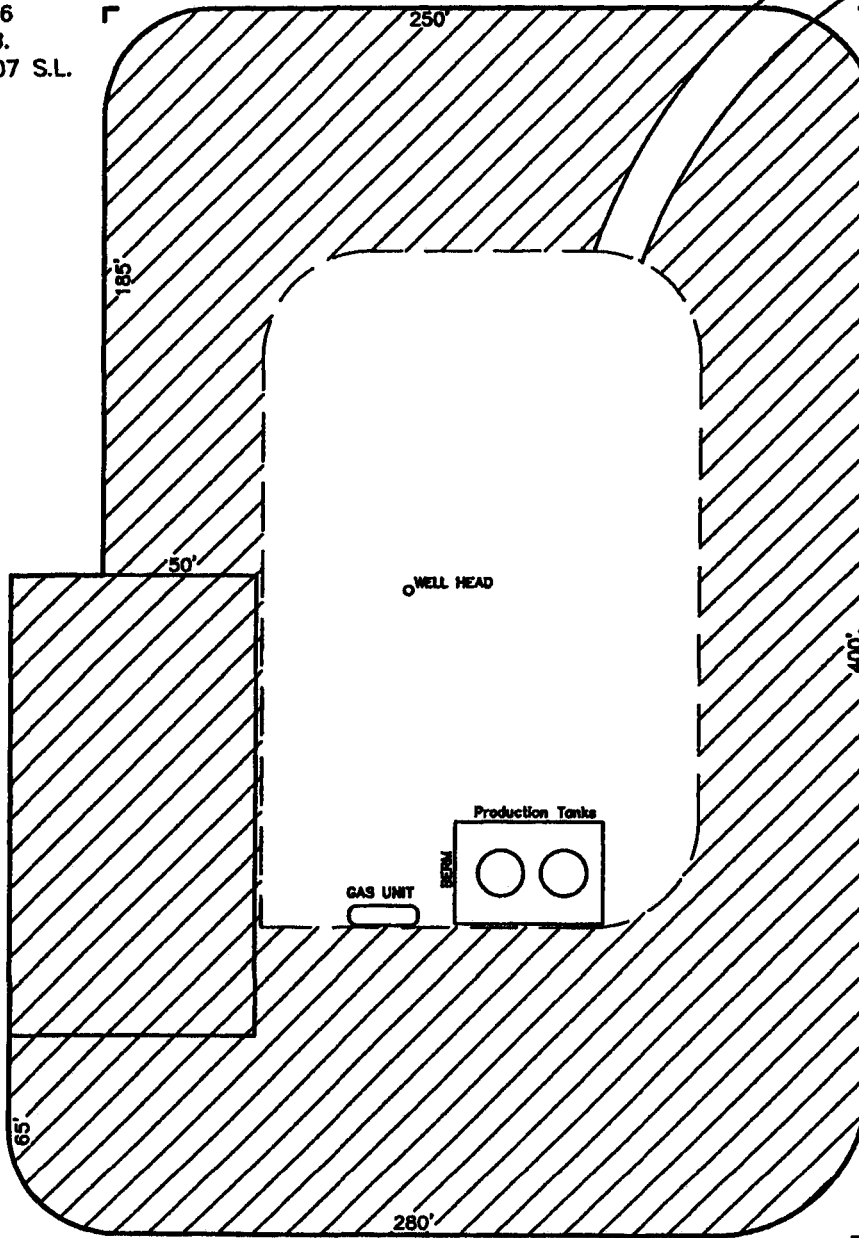
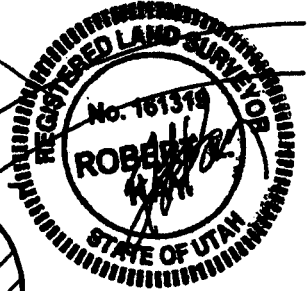
1147' FNL 474' FEL

FIGURE #3



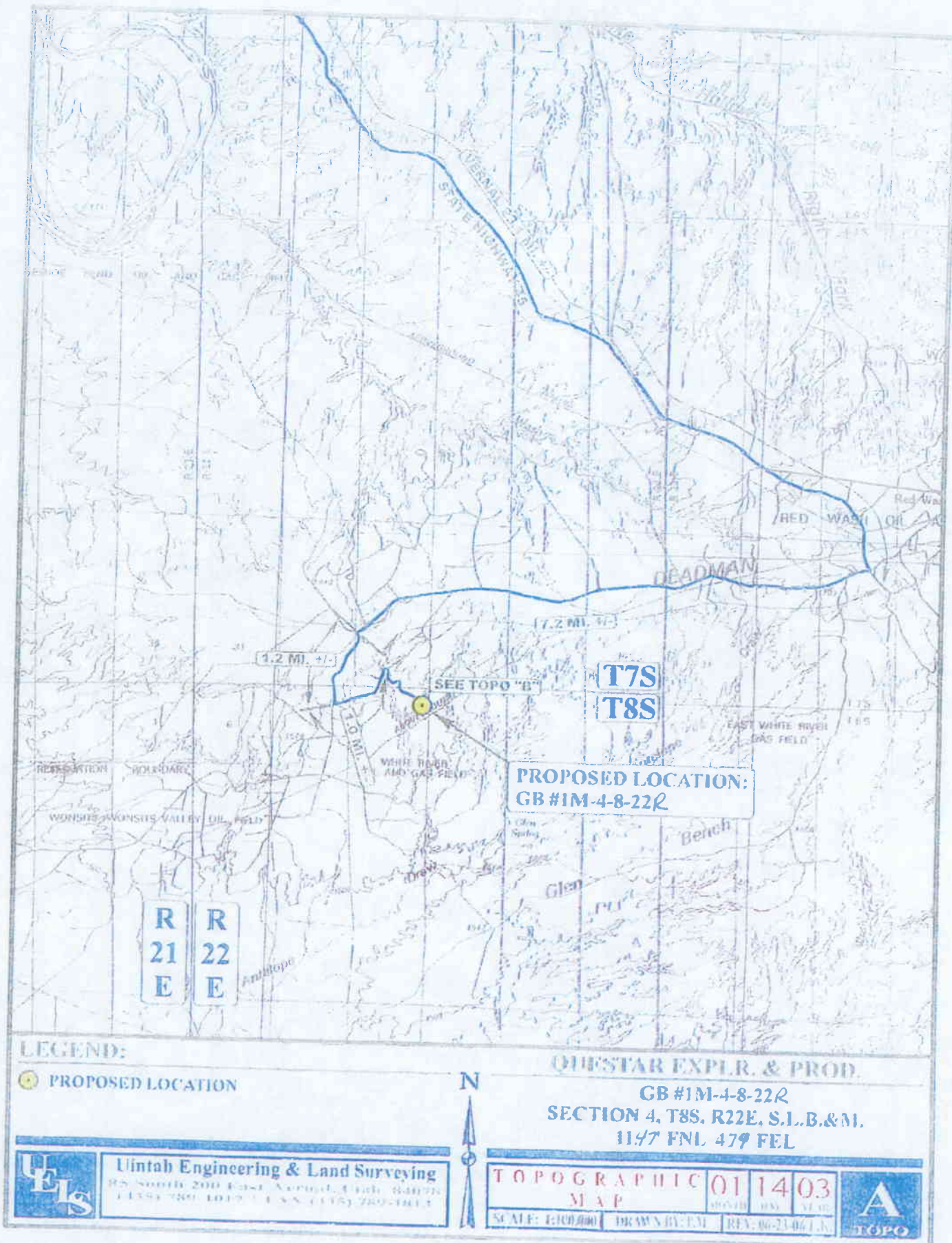
SCALE: 1" = 60'
DATE: 06-22-06
Drawn By: D.R.B.
REVISED: 01-23-07 S.L.

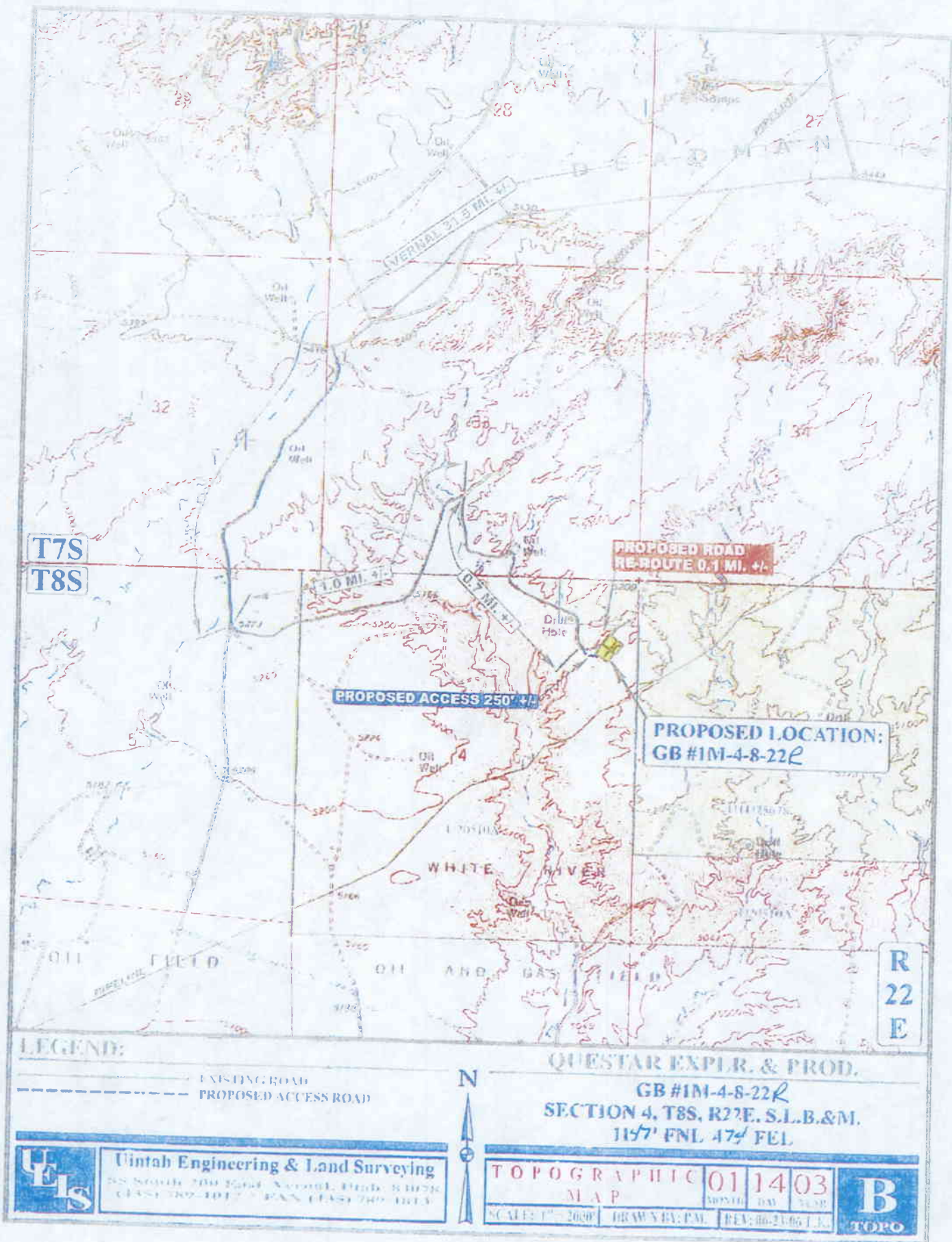
Access Road



INTERIM RECLAMATION

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017





D. E. B.

PROPOSED LOCATION:
GB #1M-4-8-22_R

T7S
T8S

R
22
E

LEGEND:

- | | |
|-----------------|-----------------------|
| DISCARD WELLS | WATERWELLS |
| PRODUCING WELLS | ABANDONED WELLS |
| SHUT-IN WELLS | TEMPORARILY ABANDONED |

N

QUESTAR EXPL. & PROD.

GB #1M-4-8-22_R

SECTION 4, T8S, R22E, S.L.B.&M.

1147' FNL 474' FEL



Utah Engineering & Land Surveying

15 North 200 East, Vernal, Utah 84072
PHONE 789-1411 FAX 789-1214

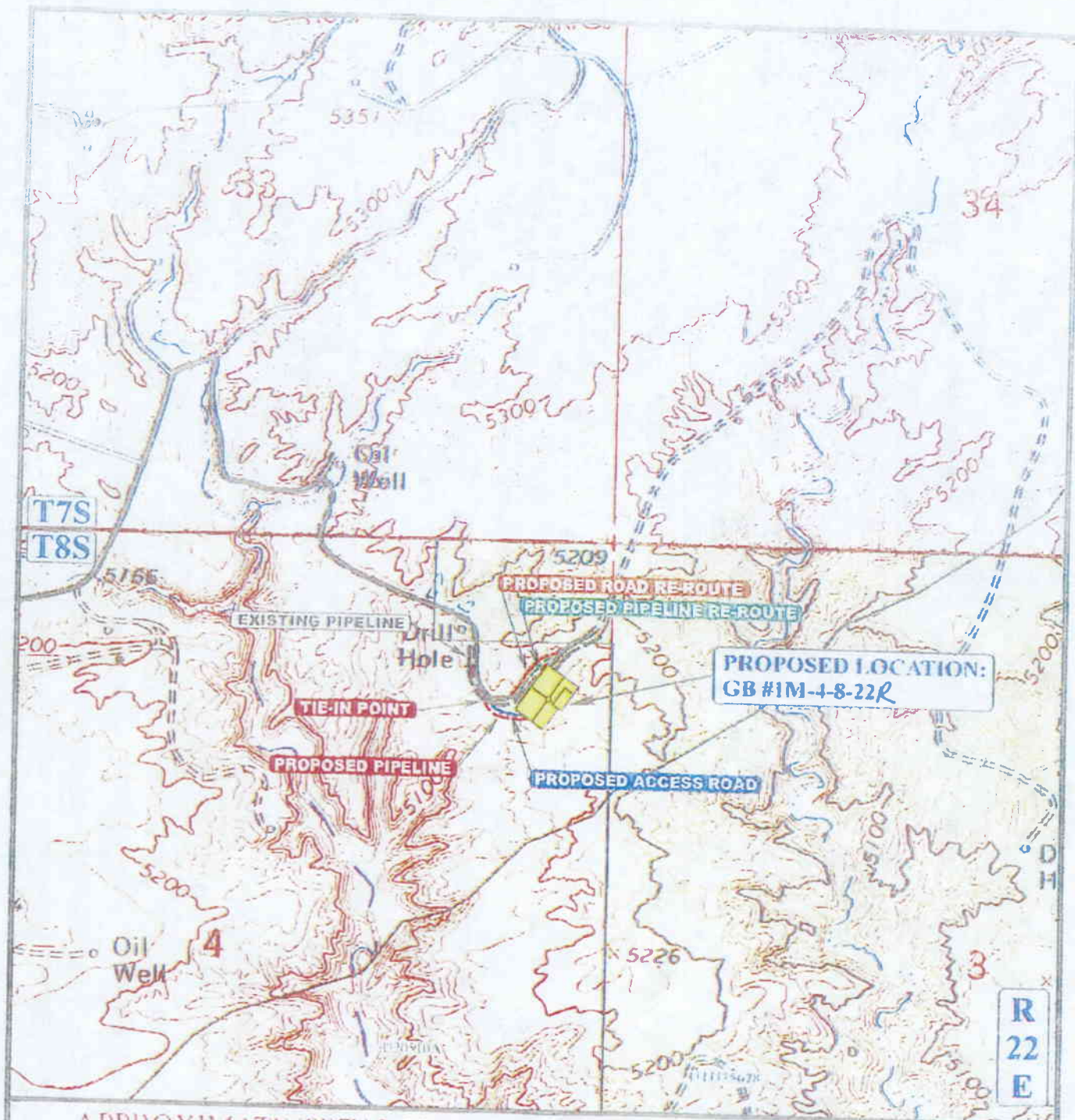
TOPOGRAPHIC
MAP

01 14 03
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: JMI

REV. 06-23-06 J.B.

C
TOPO



APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 480' +/-
 APPROXIMATE TOTAL PIPELINE DISTANCE = 330' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- - - PROPOSED PIPELINE (SERVICING OTHER WELLS)

QUESTAR EXPLR. & PROD.

GB #1M-4-8-22R
 SECTION 4, T8S, R22E, S.L.B.&M.
 1147 FNL 474' FEL



Uintah Engineering & Land Surveying
 125 South 200 East, Vernal, Utah 84058
 (435) 709-1002 • FAX (435) 709-1003

TOPOGRAPHIC
 MAP

01 14 03
 SHEET NO. 14 OF 14

SCALE: 1" = 1000' DRAWN BY: CM REV: 06-23-06 L.L.

D
 TOPO

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/24/2007

API NO. ASSIGNED: 43-047-38990

WELL NAME: GB 1M-4-8-22R (RIGSKID)

OPERATOR: QUESTAR EXPLORATION & (N5085)

PHONE NUMBER: 303-308-3068

CONTACT: DEBRA STANBERRY

PROPOSED LOCATION:

NENE 04 080S 220E

SURFACE: 1147 FNL 0474 FEL

BOTTOM: 1147 FNL 0474 FEL

COUNTY: Uintah

LATITUDE: 40.15765 LONGITUDE: -109.4365

UTM SURF EASTINGS: 633161 NORTHINGS: 4446217

FIELD NAME: WHITE RIVER (705)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-02510A

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MNCS

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. 49-2153)

☒ RDCC Review (Y/N)

(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: WHITE RIVER

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

☒ R649-3-3. Exception

___ Drilling Unit

Board Cause No: _____

Eff Date: _____

Siting: _____

___ R649-3-11. Directional Drill

COMMENTS: See Separate File

STIPULATIONS: 1- Federal Approval
2- Spacing Slip



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 25, 2007

Questar Exploration & Production Company
1571 E 1700 S
Vernal, UT 84078

Re: GB 1M-4-8-22R Well, 1147' FNL, 474' FEL, NE NE, Sec. 4, T. 8 South,
R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38990.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor (via e-mail)
Bureau of Land Management, Vernal District Office

Operator: Questar Exploration & Production Company
Well Name & Number GB 1M-4-8-22R
API Number: 43-047-38990
Lease: UTU-02510A

Location: NE NE Sec. 4 T. 8 South R. 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
QUESTAR EXPLORATION AND PRODUCTION COMPANY

3a. Address
1571 E 1700 S
VERNAL UT 84078

3b. Phone No. (include area code)
303-308-3068

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Lot 8 1147' 474' 4 T8S R22E Long. 109.437242
FNL FEL

Lat. 40.157594

5. Lease Serial No.
UTU 02510A

6. If Indian, Allottee, or Tribe Name
n/a

7. If Unit or CA. Agreement Name and/or No.
White River Unit

8. Well Name and No.

GB 1M-4-8-22R

9. API Well No.

43-047-38990

10. Field and Pool, or Exploratory Area
White River

11. County or Parish, State
UINTAH UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	SURFACE CASING
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	CEMENTING PROGRAM

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

THIS WELL IS A REPLACEMENT WELL. DUE TO THE EXTRAORDINARY CIRCUMSTANCES, QUESTAR WAS NOT ABLE TO USE ITS NORMAL SERVICE COMPANY FOR THIS WORK. HALLIBURTON ENERGY SERVICES WAS AVAILABLE AND PUMPED THE ATTACHED CEMENT SLURRY TO SET SURFACE CASING IN THIS WELL. THIS CEMENT PROGRAM VARIES FROM THE APPROVED APD BUT IS EQUAL TO OR BETTER THAN THE CEMENT SLURRY PROPOSED IN OUR APD.

Please contact Debbie Stanberry at 303-308-3068 with questions or if you need additional information.

RECEIVED

JAN 31 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Name (Printed/ Typed)

Debra K. Stanberry

Title

Regulatory Affairs Supervisor

Signature

Date

January 30, 2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

HALLIBURTON

Questar Exploration And Prod
PO Box 45601
Salt Lake City, Utah 84145-0601

Glen Bench 1 ~~1D 4-8-22~~ ~~1D 4-8-22~~ *L*
Glen Bench Field
Uintah County, Utah
United States of America

Surface Casing Recommendation

Prepared for: Jim Davidson
January 23, 2007
Version: 1

Submitted by:
Rory Cook
Halliburton Energy Services
1085 E Main
Vernal, Utah 84078
435.789.2550

HALLIBURTON

Job Information

Surface Casing

Glen Bench 1D 4-8-22 *R*

1D 4-8-22

17.5" Open Hole
Inner Diameter
Job Excess

0 - 500 ft (MD)
17.500 in
100 %

Surface Casing
Outer Diameter
Inner Diameter
Linear Weight

0 - 500 ft (MD)
13.375 in
12.615 in
54.50 lbm/ft

Calculations

Surface Casing

Spacer:

$$\begin{aligned}\text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl}\end{aligned}$$

Cement : (500.00 ft fill)

$$\begin{aligned}500.00 \text{ ft} * 0.6946 \text{ ft}^3/\text{ft} * 100 \% &= 694.64 \text{ ft}^3 \\ \text{Lead Cement} &= 694.64 \text{ ft}^3 \\ &= 123.72 \text{ bbl}\end{aligned}$$

Shoe Joint Volume: (0.00 ft fill)

$$\begin{aligned}0.00 \text{ ft} * 0.868 \text{ ft}^3/\text{ft} &= 0.00 \text{ ft}^3 \\ &= 0.00 \text{ bbl} \\ \text{Tail plus shoe joint} &= 694.64 \text{ ft}^3 \\ &= 123.72 \text{ bbl} \\ \text{Total Tail} &= 500 \text{ sks}\end{aligned}$$

Total Pipe Capacity:

$$\begin{aligned}500.00 \text{ ft} * 0.868 \text{ ft}^3/\text{ft} &= 433.98 \text{ ft}^3 \\ &= 77.30 \text{ bbl}\end{aligned}$$

Displacement Volume to Shoe Joint:

$$\begin{aligned}\text{Capacity of Pipe - Shoe Joint} &= 77.30 \text{ bbl} - 0.00 \text{ bbl} \\ &= 77.30 \text{ bbl}\end{aligned}$$

Job Recommendation

Surface Casing

Fluid Instructions

Fluid 1: Water Based Spacer

Gel Fluid Density:

8.40 lbm/gal

Fluid Volume: 20 bbl

Fluid 2: Cement

Premium Plus Cement

94 lbm/sk Premium Plus Cement (Cement)

0.2 % Versaset (Thixotropic Additive)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 14.50 lbm/gal

Slurry Yield: 1.39 ft³/sk

Total Mixing Fluid: 6.78 Gal/sk

Top of Fluid: 0 ft

Calculated Fill: 500 ft

Volume: 123.72 bbl

Calculated Sacks: 499.74 sks

Proposed Sacks: 500 sks

Fluid 3: Water Spacer

Displacement

Fluid Density: 8.33 lbm/gal

Fluid Volume: 77 bbl

Fluid 4: Top Out Cement

Premium Plus Cement

94 lbm/sk Premium Plus Cement (Cement)

Fluid Weight 14 lbm/gal

Slurry Yield: 1.51 ft³/sk

Total Mixing Fluid: 7.71 Gal/sk

Proposed Sacks: 200 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Spacer - Wbm	8.4		20 bbl
2	Cement	Lead Cement	14.5	5.0	500 sks
3	Spacer	Displacement Fluid	8.3		77 bbl
4	Cement	Top Out Cement	14.0	3.0	200 sks

CONFIDENTIAL

UINTA BASIN - OPERATIONS REPORT - 1/17/07 - 1/31/07

CONFIDENTIAL - 'TIGHT HOLE'

"Drilling Activity Only":

Dep

4 8s 22e

~~43-047-35162~~

43-047-38990

~~2/21/08~~ True 32 - GB 1M 4 8 22R

2/21/07

Spud Date: 1/01/07

Currently drilling @ 1544' as of 1/31/07

CONFIDENTIAL

Questar E & P

Page 1 of 8

Operations Summary Report

Well Name: GB 1M-4-8-22R (Rig Skid)
 Location: 4-8-S 22-E 26
 Rig Name: TRUE

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 32

43-047-38990

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/24/2007	06:00 - 08:00	2.00	LOC	4	RIG DOWN TO SKID RIG FOR TRUCKS
	08:00 - 10:00	2.00			RIG UP CRAINE, TRUCKS TO PULL FRONT TWO MATS
	10:00 - 15:30	5.50	LOC	4	DIG CELLAR IN STALL RING
	15:30 - 17:00	1.50	LOC	4	SLID RIG 10' AHEAD W/ 4 TRUCKS, CRAINE, 2 D-8 CATS
	17:00 - 00:00	7.00	LOC	4	RIG BACK UP FRONT YARD
	00:00 - 06:00	6.00	TRP	1	PICK UP DP STAND IN DERRICK
1/25/2007	06:00 - 10:00	4.00	LOC	4	SET GAS BUSTER, CHOKE HOUSE IN W/ CRAIN, FLOW LINE
	10:00 - 12:00	2.00			TRYING TO SCREW IN TO BHA STANDING DERRICK
	12:00 - 13:00	1.00			KICK PUMPS IN FROZE IN TOP DRIVE
	13:00 - 16:00	3.00			STAND BHA BACK IN DERRICK TOP DRIVE BACK OUT DRILL PIPE IN TOP OF
					MONEL DC HAD TO GET SCREWED BACK IN MONEL DC
	16:00 - 17:00	1.00	RIG	5	UNTHAW TOP DRIVE IN UPPER KELLY COCK
	17:00 - 18:00	1.00	TRP	1	PICK UP BHA
	18:00 - 21:00	3.00	DRL	1	SPUD IN 17 1/2 HOLE @ 1800 1/24/2007 DRILLING F/21 TO 47'
	21:00 - 22:00	1.00	RIG	2	TIGHT UP STAND PIPE UNION
	22:00 - 02:30	4.50	DRL	1	DRILL F/ 47 TO 258
	02:30 - 05:00	2.50	TRP	2	LAY DOWN 6 DP, TO 2 STD 6 5/8 HWD
	05:00 - 06:00	1.00	REAM	1	WASH 90' TO BOTTOM
1/26/2007	06:00 - 06:30	0.50	SUR	1	SURVEY @ 261 1.2 DEG 54.0 AZ
	06:30 - 10:30	4.00	DRL	1	DRILL F/ 258 TO 350
	10:30 - 11:00	0.50			CLEAN OUT SUCTION&DISCHARGE LINE ON CELLAR PUMP
	11:00 - 11:30	0.50	DRL	1	DRILLING F/ 350 TO 374
	11:30 - 12:30	1.00	TRP	2	L/D 5 JTS. PIPE & RUN IN 6 5/8 HWD
	12:30 - 16:30	4.00	DRL	1	DRILLING F/374 TO 526'
	16:30 - 17:00	0.50	SUR	1	SURVEY @ 476' 1.7 DEG 39.4 AZ
	17:00 - 18:30	1.50	TRP	14	SHORT TRIP TO BIT(SLM BOARD 526.0 STRAP 528.33 NO CORR.)
	18:30 - 19:30	1.00	CIRC	1	CIRC. SWEEP AROUND RUN 13 3/8 CSG.
	19:30 - 22:00	2.50	TRP	2	TRIP OUT RUN 13 3/8 CASING, L/D IBS, SHOCK SUB
	22:00 - 00:00	2.00	CSG	1	RIG UP CASING CREW, CHANGE OUT BAILES ON TOP DRIVE
	00:00 - 03:00	3.00	CSG	2	RUN 12 JTS 13 5/8 CASING K-55 # 54.5 W/ WESTSTATE CASING
	03:00 - 04:00	1.00	CIRC	1	RIG UP CIRC 13 3/8 CSG.
1/27/2007	04:00 - 06:00	2.00	CMT	2	RIG CMT. HELD SAFTY MEETING CMT. 13 3/8 CSG
	06:00 - 07:00	1.00	CMT	2	CEMENT 13 3/8 CSG. W/ 500 SK. TYP 3 0.2 VERASET, 1% CALCIUM CHLORID, 0.125#/SK POLYFLACK #14.5 PPG.YIELD 1.40 RETRUNED 9.5 BBL TO PIT
					FLOAT HELD.PLUG DOWN @ 06:30 RIG DOWN CEMENTER
	07:00 - 12:00	5.00	WOT	1	WOC
	12:00 - 18:00	6.00	BOP	1	CUT OFF PIPE, CHIP CMT DOWN 1 FT. FOR BASE PLATE ON HEAD, WELD ON HEAD, TEST TO 1,000 PSI
1/28/2007	18:00 - 06:00	12.00	BOP	1	NIPPLE UP BOPS
	06:00 - 19:00	13.00	BOP	2	TEST BOPS,HAD RETIGHT ALL FLANGE, TESTED HYDRILL,WING VAVLES, UNTHAW HCR VALVE,TESTED HCR
	19:00 - 20:00	1.00	RIG	2	CHANGE OUT 4 1/2 PIPE RAMS, BLOCKS
	20:00 - 22:00	2.00	BOP	2	TEST UPPER KELLY,
	22:00 - 00:00	2.00	RIG	2	FLIP PIPE RAMS OVER
	00:00 - 01:00	1.00	BOP	2	CHANGE OUT TEST JT.UNTHAW TOP DRIVE
	01:00 - 02:00	1.00	BOP	2	RETEST PIPE RAMS,NO GOOD
	02:00 - 06:00	4.00	RIG	2	NIPPLE DOWN BOPS, WAIT ON NEW DOUBLE GATE FROM QUAIL OUT
1/29/2007	06:00 - 17:00	11.00	WOT	4	CASPER SHOULD BE HEAR @ 12:00 TO DAY
					NIPPE DOWN BOPS , WAIT ON DOUBLE GATE F/ QUAIL IN CASPER, UNTHAW KELLY HOSE,PUT KELLY HOSE EXT.PIPE ON TO KEEP HOSE OFF TOP DRIVE
	17:00 - 23:00	6.00	BOP	1	NIPPLE UP BOPS
	23:00 - 06:00	7.00	BOP	2	TEST BOPS PIPE RAMS, BLINDS, CHOKE MANFOILD, WING VALVE, HCR,

Printed: 3/8/2007 11:17:23 AM

RECEIVED

MAR 06 2007

DIV. OF OIL, GAS & MINING

Questar E & P
Operations Summary Report

Page 2 of 8

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release:
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/29/2007	23:00 - 06:00	7.00	BOP	2	CHECK VALVE UPPER, LOEWR KELLY VAVLE, LOW, 250 PSI 5MINS, HIGH 5,000 10 MIN, HY DRILL 250 LOW 5MIN. HIGH 2500 PSI 10 MINS. TEST CASING TO 1500 PSI FOR 30 MINS OK
1/30/2007	06:00 - 13:30	7.50	RIG	2	NIPPLE DOWN ROTATING HEAD ADD 14" TO SPOOL WAIT ON WELDER, REDUE SPOOL FOR ROTATING HEAD,INSTALL WEAR BUSHING, DRILL MOUSE HOLE,
	13:30 - 19:00	5.50	RIG	2	NIPPLE UP ROTATING HEAD, HOOK UP FLOW LINE
	19:00 - 20:30	1.50	BOP	1	PUT TRUN BUCKLES ON BOP , CENTER BOP UP TO ROTARY TABLE
	20:30 - 00:00	3.50	TRP	1	P/ UP BHA
	00:00 - 01:00	1.00	TRP	2	TRIP IN HOLE TAGED CMT AT 470'
	01:00 - 04:30	3.50	DRL	1	DRILLING CMT ,FLOAT COLLAR, SHOE, & 10' NEW HOLE
	04:30 - 05:30	1.00	EQT	2	RIG UP , FIT TEST TO 61 PSI = 10.5 MUD WT BLEAD OFF 10 PSI IN 5MINS
					TESTED W/ SINGLE JACK TESTING
1/31/2007	05:30 - 06:00	0.50	TRP	3	LAY DOWN SLICK JT . DP , UP SPIRAL HWDP
	06:00 - 09:30	3.50	DRL	1	DRILLING F/ 526 TO 720
	09:30 - 11:00	1.50	CIRC	1	CIRC WHILE WORKING ON PASON EQUIPT.
	11:00 - 12:30	1.50	DRL	1	DRILLING F/ 720 TO 812
	12:30 - 13:00	0.50	OTH		CIRC. WORK ON TOP DRIVE STALLING OUT W/ 10,000 WT
	13:00 - 13:30	0.50	DRL	1	DRILLING F/812 TO 830
	13:30 - 14:00	0.50	OTH		CIRC. WORK ON TOP DRIVE
	14:00 - 15:30	1.50	DRL	1	DRILLING F/ 830 TO 904
	15:30 - 16:00	0.50	RIG	1	RIG SER.
	16:00 - 17:30	1.50	DRL	1	DRILLING F/ 904 TO 953
	17:30 - 20:00	2.50	OTH		WORK ON TOP DRIVE FILLTER COLAPSED
	20:00 - 20:30	0.50	DRL	1	DRILL F/ 953 TO 1035
	20:30 - 21:30	1.00	SUR	1	SURVEY @ 1,000' 1.6 DEG 35.2 AZ
	21:30 - 01:00	3.50	DRL	1	DRILL F/ 1035 TO 1147'
	01:00 - 02:30	1.50	OTH		CIRCULATE AND WORK PIPE WHILE CHANGE OUT FLITERS ON TOP DRIVE
					12 FILTERS ALL IN BAD CONDITION.
2/1/2007	02:30 - 06:00	3.50	DRL	1	DRILL F/ 1147' TO 1250
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 1250' TO 1483'
	13:00 - 15:30	2.50	RIG	2	WAITTING ON WELDER AND REPAIR STAND PIPE
	15:30 - 17:00	1.50	DRL	1	DRILLING FROM 1483' TO 1514'
	17:00 - 18:00	1.00	SUR	1	RAN WIRE LINE SURVEY AT 1444' 1.9 DEG. 37.30 AZI
	18:00 - 20:30	2.50	DRL	1	DRILLING FROM 1514' TO 1544'
	20:30 - 23:00	2.50	TRP	13	TRIP OUT OF HOLE TO CASING SHOE DUE TO MOTOR FAILURE ON TOP DRIVE
	23:00 - 03:00	4.00	RIG	2	CHANGE OUT TOP MOTOR ON TOP DRIVE, AND TESTED MOTOR
	03:00 - 04:30	1.50	TRP	13	TRIP IN HOLE TO 1079'
2/2/2007	04:30 - 06:00	1.50	REAM	1	WASH AND REAM FROM 1079' TO 1544'
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 1544' TO 1734'
	13:00 - 15:30	2.50	OTH		REPAIR PASON
	15:30 - 20:30	5.00	RIG	2	WELDER REPAIR DISCHARGE LINE ON PUMP # 2
	20:30 - 22:00	1.50	DRL	1	DRILLING FROM 1734' TO 1796'
	22:00 - 23:00	1.00	CIRC	1	MADE CONNECTION HOLE PACKING OFF BENT TWO JOINTS PIPE
					CIRCULATED HI VIS SWEEP
	23:00 - 00:30	1.50	DRL	1	DRILLING FROM 1796' TO 1801'
	00:30 - 02:00	1.50	RIG	2	REPAIR MUD PUMP CHANGE SWAB #1 PUMP
	02:00 - 06:00	4.00	DRL	1	DRILLING FROM TO 1801' TO 1920'
2/3/2007	06:00 - 11:00	5.00	DRL	1	DRILLING FROM 1900' TO 2017'
	11:00 - 11:30	0.50	RIG	1	SERVISE RIGRIG SERVICE
	11:30 - 12:00	0.50	OTH		INSTALL ROTATING HEAD
	12:00 - 22:00	10.00	DRL	1	DRILLING FROM 2017' TO 2203'

Printed: 3/6/2007 11:17:23 AM

Questar E & P
Operations Summary Report

Page 3 of 8

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release:
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/3/2007	22:00 - 22:30	0.50	OTH		REPAIR TOP DRIVE
	22:30 - 23:00	0.50	SUR	1	WIRE LINE SURVEY AT 2133' 1.7 DEG. 36.2 AZM
	23:00 - 06:00	7.00	DRL	1	DRILLING FROM 2203' TO 2275'
2/4/2007	06:00 - 08:30	2.50	DRL	1	DRILLING FROM 2275' TO 2309'
	08:30 - 09:00	0.50	CIRC	1	PUMP SWEEPS AND CIRCULATE
	09:00 - 12:30	3.50	TRP	10	TRIP OUT OF HOLE FOR BIT
	12:30 - 14:30	2.00	TRP	10	CHANGE OUT BIT AND TRIP IN HOLE TO SHOE
	14:30 - 15:00	0.50	RIG	1	SERVICE TOP DRIVE
	15:00 - 15:30	0.50	TRP	10	TRIP IN HOLE HIT BRIDGE AT 873'
	15:30 - 23:00	7.50	REAM	1	WASH AND REAM FROM 873' TO 2164 EXCESSIVE AMOUNTS OF PEE GRAVEL COMING BACK ACROSS SHALE SHAKERS, RAISING WT AND VIS CHANGE OUT KELLY SAVER SUB
	23:00 - 00:00	1.00	RIG	2	PACKED OFF WORKING TIGHT HOLE FROM 2164 BACK REAM UP TO
	00:00 - 05:00	5.00	TRP	10	CIRC. AND RAISE WT TO 9.2, VIS TO 40, REAMING TO BOTTOM
2/5/2007	05:00 - 06:00	1.00	CIRC	1	
	06:00 - 08:30	2.50	REAM	1	WASH AND REAM FROM 2197 TO 2314
	08:30 - 14:00	5.50	DRL	1	DRILLING FROM 2309 TO 2390
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	14:30 - 06:00	15.50	DRL	1	DRILLING FROM 2390 TO 2757
2/6/2007	06:00 -				NOTE: AFTER RAISING VIS AND WT, TORQUE WENT AWAY
	06:00 - 09:30	3.50	DRL	1	DRILLING FROM 2757 TO 2832
	09:30 - 10:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	10:00 - 12:30	2.50	DRL	1	DRILLING FROM 2832 TO 2895
	12:30 - 13:00	0.50	RIG	2	RIG REPAIR, FILL # 2 PUMP MOTOR WITH ANTIFREEZE
	13:00 - 06:00	17.00	DRL	1	DRILLING FROM 2895 TO 3230
2/7/2007	06:00 - 07:00	1.00	DRL	1	DRILLING FROM 3230 TO 3275
	07:00 - 07:30	0.50	RIG	2	RIG REPAIR DAY TANK ON # 2 PUMP RAN OUT OF FUEL
	07:30 - 10:30	3.00	DRL	1	DRILLING FROM 3275 TO 3339
	10:30 - 11:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	11:00 - 00:30	13.50	DRL	1	DRILLING FROM 3339 TO 3593
	00:30 - 01:30	1.00	RIG	2	RIG REPAIR # 2 PUMP, REPLACED VALVE & SEAT IN SUCTION
2/8/2007	01:30 - 06:00	4.50	DRL	1	DRILLING FROM 3593 TO 3664
	06:00 - 10:30	4.50	DRL	1	DRILLING FROM 3664 TO 3750
	10:30 - 11:30	1.00	RIG	2	CHANGE OUT MIDDLE DISCHARGE VALVE AND SEAT # 1 PUMP
	11:30 - 17:00	5.50	DRL	1	DRILLING FROM 3750 TO 3847
	17:00 - 18:00	1.00	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	18:00 - 19:00	1.00	DRL	1	DRILLING FROM 3847 TO 3870
	19:00 - 21:00	2.00	TRP	13	PRESSURE LOSS, BIT QUIT DRILLING, LOOKING FOR PRESSURE LOSS WENT THROUGH BOTH PUMPS
	21:00 - 22:00	1.00	TRP	13	MIX UP PILL
	22:00 - 22:30	0.50	TRP	13	DROP SURVEY
	22:30 - 23:00	0.50	TRP	13	PUMP PILL
	23:00 - 01:30	2.50	TRP	13	TRIP OUT FOR MOTOR
	01:30 - 06:00	4.50	TRP	13	TWO 2" HOSES BLEW INTO BETWEEN TOP DRIVE UNIT AND 1/4 WAY UP DERRICK, WHILE BREAKING OUT SAVER SUB TO PULL OUT HWDP NOTE: HAD 6 TH MAN CHANGE LINERS IN #1 PUMP TO 5 1/2
2/9/2007	06:00 -				WORKING ON TESCO TOP DRIVE, REPLACING 2" HOSES, PROBLEMS W/ BACK PRESSURE ON GRABBER
	06:00 - 12:30	6.50	OTH		TRIP OUT TO SHOE
	12:30 - 13:30	1.00	TRP	13	WORKING ON BACKPRESSURE ON GRABBER, REPLACE CHECK VALVE
	13:30 - 15:00	1.50	OTH		TRIP OUT , CHANGE OUT BIT AND MOTOR, CLOSE AND OPEN BLINDS, PIPES AND HYDRIL
	15:00 - 18:00	3.00	TRP	1	
	18:00 - 23:00	5.00	TRP	13	TRIP IN TO 1100', HIT BRIDGE, COULD NOT CIRCULATE THROUGH STRING

Printed: 3/6/2007 11:17:23 AM

Questar E & P
Operations Summary Report

Page 4 of 8

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release:
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/9/2007	23:00 - 02:00	3.00	TRP	13	TRIP OUT TO MOTOR,
	02:00 - 04:00	2.00	TRP	13	FLOAT BROKE, CLEAN JUNK OUT OF MOTOR
	04:00 - 05:30	1.50	TRP	2	TRIP IN WITH MOTOR AND IBS, CIRCULATE THROUGH BHA, GOOD
2/10/2007	05:30 - 06:00	0.50	TRP	2	TRIP IN WITH BHA
	06:00 - 07:00	1.00	TRP	2	TRIP INTO 1100
	07:00 - 07:30	0.50	OTH		INSTALL TRIP SLEEVE IN ROTATING HEAD
	07:30 - 16:00	8.50	REAM	1	WASH AND REAM FROM 1100' TO 3183
	16:00 - 17:00	1.00	OTH		INSTALL ROTATING HEAD RUBBER,
	17:00 - 18:00	1.00	REAM	1	HOLE PACKED OFF LOST CIRC, BACK REAM FROM 3207 UP TO 3200' NO CIRCULATION
	18:00 - 22:00	4.00	CIRC	2	LOST CIRC, PACKED OFF, BACK REAM FROM 3207 TO 3179, GOT RETURNS
	22:00 - 01:00	3.00	CIRC	1	CIRCULATE AND CONDITION MUD
	01:00 - 02:00	1.00	TRP	2	TRIP IN HOLE TO 3780
	02:00 - 04:00	2.00	REAM	1	WASH AND REAM FROM 3780 TO 3860
2/11/2007	04:00 - 05:00	1.00	RIG	2	RIG REPAIR, GO THROUGH # 2 PUMP CLEAN OUT ROCKS
	05:00 - 05:30	0.50	REAM	1	WASH AND REAM FROM 3860 TO 3870
	05:30 - 06:00	0.50	DRL	1	DRILLING FROM 3870 TO 3875
	06:00 - 08:00	2.00	DRL	1	DRILLING FROM 3875' TO 3927'
	08:00 - 09:30	1.50	RIG	2	REPAIR MUD PUMP # 2
	09:30 - 21:30	12.00	DRL	1	DRILLING FROM 3927' TO 4164'
	21:30 - 22:00	0.50	RIG	2	CHANGE OUT TWO SHAKER SCREEN ON ONE ON EACH SHAKER
	22:00 - 06:00	8.00	DRL	1	DRILLING FROM 4164' TO 4280, AT 4242' HOLE STARTED TAKING MUD AVERAGE 65 BBL / HR. ADDED 20 SKS NEW CARB, 20 SKS MICA, 20 SKS DYNA FIBER, AND 20 SKS ASH PHALT IN 1 HOUR 15MIN LOSSES WERE DOWN TO 12 BBLS / HOUR
	06:00 - 09:00	3.00	DRL	1	DRILLING FROM 4292' TO 4326'
	09:00 - 05:00	20.00	RIG	2	CIRCULATE AND CONDITION WHILE ATTEMPT TO REPAIRING # 2 MUD PUMP DISCHARGE, REPAIRS FAILED CHANGED OUT DISCHARGE MODULE
2/12/2007	05:00 - 06:00	1.00	DRL	1	DRILLING FROM 4326' TO 4340'
	06:00 - 11:00	5.00	DRL	1	DRILLING FROM 4340' TO 4379'
	11:00 - 12:00	1.00	SUR	1	DROP SURVEY AT 4309' 1.5 DEG 61.20 AZI
	12:00 - 19:30	7.50	TRP	10	TRIP OUT OF HOLE DUE TO PENETRATION RATE
	19:30 - 22:00	2.50	OTH		PULLED WEAR BUSHING TO CHECK WEAR, DRILL PIPE RIDING ON SIDE OF BOPS SLIGHT WEAR ON WEAR BUSHING RE RAN WEAR BUSHING
2/13/2007	22:00 - 02:30	4.50	TRP	10	MADE UP BIT # 5 SMITH MX9539 AND TRIP IN HOLE (1.5 HOURS TO LATCH ONTO STAND OF 8" DRILL COLLARS)
	02:30 - 04:00	1.50	RIG	6	SLIPPED AND CUT DRILL LINE
	04:00 - 06:00	2.00	OTH		ADJUST TOP DRIVE TRACK AND ALINE BOPS WITH ROTARY TABLE
	06:00 - 09:00	3.00	TRP	10	TRIP IN HOLE TO 4300
	09:00 - 10:30	1.50	REAM	1	SAFETY WASH 79' TO BOTTOM 20' OF FILL
	10:30 - 14:30	4.00	DRL	1	DRILLING FROM 4379 TO 4416
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	15:00 - 17:00	2.00	DRL	1	DRILLING FROM 4416 TO 4431
	17:00 - 18:00	1.00	RIG	2	RIG REPAIR, REPLACE SUCTION VALVE AND SEAT IN # 1 PUMP
	18:00 - 01:30	7.50	DRL	1	DRILLING FROM 4431 TO 4478
2/14/2007	01:30 - 05:00	3.50	RIG	2	RIG REPAIR # 1 PUMP SUCTION VALVE AND SEAT, BULL WHEEL SIDE, ALSO CHANGED VALVE IN DISCHARGE MIDDLE
	05:00 - 06:00	1.00	DRL	1	DRILLING FROM 4478 TO 4487
	06:00 - 10:30	4.50	DRL	1	DRILLING/ 4487 TO 4500
	10:30 - 13:00	2.50	RIG	2	CHANGE OUT VALVE, SEAT IN # 2PUMP CENTER POT
	13:00 - 13:30	0.50	RIG	1	RIG SER
	13:30 - 14:00	0.50	DRL	1	DRILL F/ 4500 TO 4520
2/15/2007					

Printed: 3/6/2007 11:17:23 AM

Questar E & P
Operations Summary Report

Page 5 of 8

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release:
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/15/2007	14:00 - 15:00	1.00	CIRC	1	CIRC, MIX, PUMP SWEEP LMC (LOST 120 BBL. MUD)
	15:00 - 18:00	3.00	DRL	1	DRILL F/ 4520 TO 4584
	18:00 - 23:00	5.00	DRL	1	DRILL F/4584 TO 4619
	23:00 - 00:00	1.00	RIG	2	GO THRU #2 MUD PUMP, CHANGE OUT VALVES ON SUCTION AND DISCHARGE
	00:00 - 03:00	3.00	DRL	1	DRILL F/4619 TO 4641
2/16/2007	03:00 - 03:30	0.50	RIG	2	WORK ON #2 PUMP, CHANGE OUT VALVES IN MIDDLE SECTION
	03:30 - 06:00	2.50	DRL	1	DRILL F/4641 TO/
	06:00 - 10:00	4.00	DRL	1	DRILL F/ 4671' TO/ 4686' (LOST 100 BBLs MUD, DRAIN VALVE TO TRIP TANK WAS LEFT OPEN)
2/17/2007	10:00 - 13:00	3.00	REAM	1	REAMING, WORK TORQUE OUT
	13:00 - 16:00	3.00	CIRC	1	CIRCULATE & CONDITION MUD, MIX & PUMP DRY JOB
	16:00 - 18:30	2.50	TRP	10	T.O.O.H TO HWDP, SLM 4685'
	18:30 - 03:30	9.00	ISP	1	INSPECT BHA & LAY DOWN 4 JTS OF 4 1/2" HWDP
	03:30 - 06:00	2.50	TRP	1	LAY DOWN MOTOR, SHOCK TOOL, IBS STABILIZER, BIT
	06:00 - 07:00	1.00	TRP	1	LAY DOWN STABILIZER & MUD MOTOR
	07:00 - 08:00	1.00	TRP	1	TRIP IN, PICK UP & REPLACE 4 JTS 4 1/2 HWDP, JARS
	08:00 - 12:00	4.00	TRP	2	TIH
	12:00 - 14:00	2.00	REAM	1	WASH & REAM F/3254', T/3515'
	14:00 - 15:00	1.00	TRP	2	TIH
	15:00 - 15:30	0.50	REAM	1	WASH & REAM F/4602 T/ 4685
	15:30 - 16:00	0.50	DRL	1	DRILL F/ 4685 T/ 4688
	16:00 - 16:30	0.50	CIRC	1	CONDITION & CIRC, PUMP SWEEP
	16:30 - 17:30	1.00	DRL	1	DRILL F/ 4688' T/ 4701
	17:30 - 18:00	0.50	SUR	1	DEVIATION SURVEY @ 4610' (1.2 DEVIATION)
2/18/2007	18:00 - 18:30	0.50	DRL	1	DRILL F/4701 T/ 4707
	18:30 - 19:00	0.50	CIRC	2	LOST CIRCULATION, 100 BBL LOSS
	19:00 - 06:00	11.00	CIRC	1	WORK TIGHT SPOT, CIRC & COND MUD, JARING TIGHT HOLE @ 4693', 14FT OFF BOTTOM
	06:00 - 14:00	8.00	FISH	3	JARING ON STUCK PIPE @ 4693 UP TO 4672
	14:00 - 21:30	7.50	FISH	4	RIG UP WEATHFORD WIRE LINE TRUCK TO FREE POINT
2/19/2007	21:30 - 05:00	7.50	FISH	5	SPOT 300 LBS FRACK SAND IN MUD MOTOR DID NOT WORK SPOTED 300LBS SAND AGAIN STILL DID NOT WORK
	05:00 - 06:00	1.00	FISH	3	JARING ON STUCK PIPE W/ ON STEEL BALL TO LOCK UP MOTOR SO WE CAN BACK OFF
	06:00 - 12:00	6.00	FISH	3	JARING ON STUCK PIPE, CAME FREE
	12:00 - 13:00	1.00	TRP	2	TRIP OUT 2 STANDS
	13:00 - 14:30	1.50	CIRC	1	CIRCULATE, MIX & PUMP PILL, L/D FREE POINT CREW
2/20/2007	14:30 - 18:00	3.50	TRP	2	T.O.O.H, L/D DRILLING JARS
	18:00 - 20:00	2.00	TRP	2	T.O.O.H
	20:00 - 22:00	2.00	TRP	1	L/D SHOCK SUB, MOTOR, PDC BIT, MONEL
	22:00 - 23:00	1.00	RIG	1	WORK ON TOP DRIVE
	23:00 - 00:00	1.00	TRP	1	P/U JUNK BASKET, MILL TOOTH BIT
	00:00 - 06:00	6.00	TRP	2	TRIP IN HOLE
	06:00 - 07:00	1.00	REAM	1	WASH 90' TO BOTTM 4617 TO 4707
	07:00 - 07:30	0.50	FISH	5	WORK JUNK SUB ON BOTTOM PICK UP BALL, NUTS
	07:30 - 08:00	0.50	DRL	1	DRILLING F/ 4707 TO 4718
	08:00 - 08:30	0.50	CIRC	1	CIRC, MIX & PUMP PILL
2/20/2007	08:30 - 12:00	3.50	TRP	2	TRIP OUT HOLE W/ JUNK SUB (CLOSED BLIND RAMS, WORKED PIPE RAMS)
	12:00 - 12:30	0.50	FISH	5	CLEAN OUT JUNK SUB (RECOVERED 176 STEEL BALL, 76 1/4, 1/2 NUTS)
	12:30 - 15:00	2.50	TRP	1	L/D BIT SUB, P/U MUD MOTOR, MONEL DC.
	15:00 - 18:30	3.50	TRP	2	TRIP IN HOLE
	18:30 - 19:00	0.50	REAM	1	WASH & REAM 30' TO BOTTOM, F/4688' T/ 4718'

Printed: 3/6/2007 11:17:23 AM

Questar E & P
Operations Summary Report

Page 6 of 8

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release:
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/20/2007	19:00 - 21:30	2.50	DRL	1	DRILL F/ 4718' T/4780'
	21:30 - 22:30	1.00	RIG	2	WORK ON #1 MUD PUMP, CHANGE SWAB
	22:30 - 00:00	1.50	DRL	1	DRILL F/4780' T/4812'
	00:00 - 01:00	1.00	RIG	2	WORK ON #1 MUD PUMP, CHANGE ANOTHER SWAB
	01:00 - 01:30	0.50	DRL	1	DRILL F/4812' T/4831'
	01:30 - 02:00	0.50	RIG	2	COOL #2 MUD PUMP
2/21/2007	02:00 - 06:00	4.00	DRL	1	DRILL F/4831' T/4913'
	06:00 - 14:30	8.50	DRL	1	DRILL F/4913'- T/5045'
	14:30 - 15:00	0.50	RIG	2	RIG REPAIR, WORK ON #1 MUD PUMP, CHANGE 1 DISCHARGE & 2 SUCTION VALVES
	15:00 - 16:30	1.50	DRL	1	DRILL F/ 5045' T/5065'
	16:30 - 17:00	0.50	RIG	1	SERVICE RIG
	17:00 - 19:00	2.00	DRL	1	DRILL F/5065' T/5071'
2/22/2007	19:00 - 19:30	0.50	RIG	2	RIG REPAIR, COOL DOWN #1 MUD PUMP MOTOR
	19:30 - 21:00	1.50	DRL	1	DRILL F/5071' T/ 5078', MW 9.7, 47 VIS,
	21:00 - 22:30	1.50	CIRC	1	CIRC & COND MUD, FILL TRIP TANK, MIX & PUMP PILL, DROP SURVEY
	22:30 - 04:00	5.50	TRP	10	P.O.O.H, TRIP OUT FOR BIT
	04:00 - 06:00	2.00	TRP	1	L/D & P/U MOTOR & BIT
	06:00 - 07:00	1.00	TRP	1	P/U BHA
2/23/2007	07:00 - 08:30	1.50	TRP	10	TRIP IN HOLE TO SHOE
	08:30 - 10:00	1.50	RIG	6	CUT DRILLING LINE
	10:00 - 13:00	3.00	TRP	10	TRIP IN HOLE
	13:00 - 14:00	1.00	REAM	1	WASH TO 30 'TO BOTTOM (BLOW BOTTOM OFF GOOD BEFOR DRLG.) NO FILL
	14:00 - 15:00	1.00	DRL	1	DRILLING F/ 5078 TO 5165 (HELD BOP DRILL 2 MIN.)
	15:00 - 15:30	0.50	RIG	1	RIG SER. & SER. TOP DRIVE, (WORK PIPE RAMS)
2/24/2007	15:30 - 00:30	9.00	DRL	1	DRILLING F/ 5165 TO 5258
	00:30 - 02:00	1.50	RIG	2	RIG REPAIR, WORK ON # RIG PUMP, CHANGE
	02:00 - 04:00	2.00	DRL	1	DRILLING F/5258' T/5323
	04:00 - 04:30	0.50	RIG	2	RIG REPAIR, 1 SUCTION VALVE ON #2 PUMP
	04:30 - 06:00	1.50	DRL	1	DRILLING F/5323' T/5335
	06:00 - 10:30	4.50	DRL	1	DRILLING F/ 5335 TO 5428
2/25/2007	10:30 - 12:00	1.50	RIG	2	TURNED FAN AROUND ON # 1 & # 2 PUMPS
	12:00 - 13:30	1.50	DRL	1	DRILLING F/ 5428 TO 5449
	13:30 - 15:00	1.50	RIG	2	CHANGE SWAB IN # 2 PUMP MIDDLE POT
	15:00 - 06:00	15.00	DRL	1	DRILL F/ 5449 TO 5570
	06:00 - 10:00	4.00	DRL	1	DRILLING F/ 5570 TO 5609
	10:00 - 10:30	0.50	RIG	1	RIG SER. , TOP DRIVE SER.
2/25/2007	10:30 - 11:30	1.00	RIG	2	CHANGE LINER , SWAB IN # 2 PUMP BILL WHEEL SIDE
	11:30 - 16:00	4.50	DRL	1	DRILLING F/ 5609 TO 5627
	16:00 - 16:30	0.50	CIRC	1	CIRC COND FOR TRIP
	16:30 - 17:00	0.50	SUR	1	SURVEY @ 5597 .5 DEG 157.6 AZ
	17:00 - 17:30	0.50	CIRC	1	PUMP PILL, BLOW KELLY OUT
	17:30 - 23:00	5.50	TRP	10	TRIP OUT FOR BIT # 9 (HAD TRIP BOP DRILL)
2/25/2007	23:00 - 00:00	1.00	TRP	1	CHANGE OUT BITS (CLOSED BLINDS RAMS, OPEN)
	00:00 - 06:00	6.00	TRP	10	TRIP IN HOLE
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE TAGED UP @4785 TITE
	07:00 - 12:00	5.00	CIRC	1	WORK TITE HOLE, LOST 130 BBLs MUD, RUN STAND IN 4813
	12:00 - 17:00	5.00	RIG	2	CHANGE PUMP ON TOP DRIVE
	17:00 - 17:30	0.50	TRP	10	TRIP IN HOLE
2/25/2007	17:30 - 18:00	0.50	REAM	1	WASH 60 ' TO BOTTOM
	18:00 - 19:00	1.00	DRL	1	DRILL F/5627 TO 5629
	19:00 - 20:30	1.50	RIG	2	WORK ON # 1PUMP SWAB, #1 CHAGER PUMP SWITCH DOWN

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Questar E & P
Operations Summary Report

Page 7 of 8

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release:
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/25/2007	20:30 - 21:00	0.50	DRL	1	DRILL F/ 5629 TO 5630
	21:00 - 23:00	2.00	RIG	2	CHANGE SEAT, #1 PUMP BULL WHEEL SIDE, CHANGE SWAB MIDDLE
	23:00 - 02:00	3.00	DRL	1	DRILL F/ 5630 TO 5649
	02:00 - 03:00	1.00	CIRC	2	LOST CIRC @ 5649 LOST 300 BBLs.
	03:00 - 04:30	1.50	TRP	2	TRIP OUT HOLE TIGHT @ 4810
	04:30 - 06:00	1.50	REAM	1	BACK REAMING F/ 48 10 TO 4809
2/26/2007	06:00 - 07:00	1.00	CIRC	2	LOST CIRC (150 BBLs)
	07:00 - 09:00	2.00	TRP	2	TRIP OUT 10 STAND COULDN'T CIRC TRIP TO 4750, BACK REAMING TO 4785
	09:00 - 10:30	1.50	TRP	2	TRIP BACK IN HOLE
	10:30 - 12:30	2.00	DRL	1	DRILL F/5649 TO 5670
	12:30 - 13:30	1.00	CIRC	1	WORK TIGHT HOLE @ 5670 ON CONN.
	13:30 - 23:00	9.50	DRL	1	DRILLING F/5670 TO 5732
	23:00 - 00:00	1.00	CIRC	1	WORK TIGHT HOLE @ 5732 TO 5642 (3 TIMES HOLE GOOD FREE)
	00:00 - 06:00	6.00	DRL	1	DRILLING 5732 TO (DRILL W/ NO FLUID LOST)
	06:00 -				
2/27/2007	06:00 - 09:00	3.00	DRL	1	DRILLING 5780 TO 5804
	09:00 - 15:00	6.00	REAM	1	BACK REAM, JARING UP THROW TIGHT HOLE @ 5803 TO 5700
	15:00 - 15:30	0.50	RIG	2	CHANGE OUT GRABBER DIES IN TOP DRIVE
	15:30 - 18:00	2.50	TRP	2	TRIP OUT HOLE TO 3127 TIGHT
	18:00 - 06:00	12.00	REAM	1	WORK TIGHT HOLE F/ 3127 TO 3072 (55')
2/28/2007	06:00 - 09:00	3.00	FISH	3	WORKING TIGHT HOLE JARING UP (3272 , 3464 PULLED 1 STD TIGHT AGAIN
					3400 JARED OUT TO 3369
	09:00 - 14:00	5.00	TRP	2	TRIP OUT HOLE
	14:00 - 17:00	3.00	TRP	1	L/D BHA. BIT, MM, JARS, AND STAB
	17:00 - 22:00	5.00	TRP	1	TRIP IN HOLE, TIGHT HOLE AT 3257' WORKED PIPE
	22:00 - 02:00	4.00	CIRC	1	CIRCULATE AND RAISE MUD WEIGHT TO 9.7 AT 3077'
	02:00 - 03:00	1.00	TRP	1	LOST RETURNS PULLED 2 STANDS
	03:00 - 05:30	2.50	CIRC	1	PUMP 2 50 LCM PILL AND CIRC
	05:30 - 06:00	0.50	TRP	1	TIH.
3/1/2007	06:00 - 07:30	1.50	TRP	2	TRIP IN HOLE
	07:30 - 08:00	0.50	REAM	1	WASHING TO BOTTOM LOST CIRC.
	08:00 - 08:30	0.50	TRP	2	TRIP OUT 10 STD.
	08:30 - 10:00	1.50	CIRC	1	MIX UP LCM PILL, PUMP
	10:00 - 14:00	4.00	CIRC	2	CIRC, BUILD MUD VOLUME
	14:00 - 15:30	1.50	TRP	2	TOOH TO 3130' TIGHT HOLE FROM 3250' TO 3130'
	15:30 - 19:00	3.50	CIRC	2	CIRC GOOD RETURNS REAM THROUGH TIGHT SPOT, BUILD VOLUME
	19:00 - 21:00	2.00	TRP	2	TIH BROKE CIRC EVERY 5 STANDS
	21:00 - 06:00	9.00	DRL	1	DRILLING FROM 5804' TO 5889'
3/2/2007	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 5889' TO 5895'
	13:00 - 14:00	1.00	CIRC	1	PUMP PILL, CHANGE PLAN GO BACK TO DRILLING
	14:00 - 15:30	1.50	DRL	1	DRILLING NO PROGRESS
	15:30 - 18:00	2.50	DRL	1	MADE AND PUMPED BIT UNBALLING PILL WHILE ATTEMPTING TO DRILL NO
					PROGRESS
	18:00 - 00:00	6.00	TRP	10	TOOH TIGHT HOLE AT 5800' BACK REAMED THROUGH TIGHT SPOT AND
					TOOH NO OTHER PROBLEMS
3/3/2007	00:00 - 06:00	6.00	TRP	10	M/U NEW BIT RIH FILLED PIPE EVERY 6 STANDS AFTER 3200 FOOT
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE BRAKE CIRC EVERY 5 STAND
	07:00 - 08:00	1.00	REAM	1	WASH AND REAM TO 5801'
	08:00 - 10:30	2.50	RIG	2	REPAIR MUD PUMPS # 1 CHANGED OUT SWAB AND SEAT # 2 PUMP
					CHANGED OUT SWAB
	10:30 - 11:00	0.50	REAM	1	WASH REAM FROM 5801' TO 5895'
	11:00 - 11:30	0.50	CIRC	1	PUMP 40 BBLs OF UNBALLING PILL
	11:30 - 12:00	0.50	DRL	1	DRILLING FROM 5895' TO 5901'

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Questar E & P
Operations Summary Report

Page 8 of 8

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release:
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/3/2007	12:00 - 12:30	0.50	RIG	2	REPAIR PUMP # 2 CHANGED SWAB
	12:30 - 03:30	15.00	DRL	1	DRILLING FROM 5901' TO 6014'
	03:30 - 04:00	0.50	RIG	2	REPAIR PUMP #2 CHANGED SWAB
	04:00 - 06:00	2.00	DRL	1	DRILL F/6014' T/ 6041'
3/4/2007	06:00 - 07:00	1.00	RIG	2	REPAIR MUD PUMP # 2 CHANGED SWAB AND VALVE
	07:00 - 08:30	1.50	DRL	1	DRILLING FROM 6041' TO 6067'
	08:30 - 09:30	1.00	REAM	1	TIGHT HOLE WORK PIPE WASHED AND REAMED TIGHT HOLE AT 6000'
	09:30 - 13:00	3.50	DRL	1	DRILLING FROM 6067' TO 6107'
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP
	14:00 - 18:30	4.50	TRP	14	SHORT TRIP INTO SHOE, SLM
	18:30 - 20:00	1.50	RIG	6	SLIP & CUT DRLG. LINE
	20:00 - 23:30	3.50	TRP	14	SHORT TRIP TO BOTTOM
	23:30 - 02:00	2.50	CIRC	1	CIRCULATE & CONDITION, MIX PILL FOR DRY JOB, FILL TRIP TANK
	02:00 - 02:30	0.50	SUR	1	DROP SURVEY TOOL, SURVEY @ 6068'
	02:30 - 03:00	0.50	TRP	2	TRIP OUT
	03:00 - 04:00	1.00	RIG	2	REPAIR TOP DRIVE HOSE
	04:00 - 06:00	2.00	TRP	2	TRIP OUT
3/5/2007	06:00 - 08:00	2.00	TRP	2	TOOH, TO RUN 9 5/8 CASING
	08:00 - 09:30	1.50	TRP	1	HELD SAFETY MEETING RIG UP LAY DOWN MACHINE
	09:30 - 12:30	3.00	TRP	1	LAYED DOWN 6 5/8 HWDP, 8 " DRILL COLLARS MONEL, AND MOTOR
					RETRIVED SURVEY DEPTH 6068 DEG. .9 AZI 149
	12:30 - 13:30	1.00	OTH		RETRIVED, WEAR BUSHING
	13:30 - 15:00	1.50	CSG	1	HELD SAFETY MEETING RIGGING UP CASING CREW, FILL UP TOOL, AND STABING BOARD
	15:00 - 03:00	12.00	CSG	2	RUN 140 JTS, 9 5/8 CASING 47#/FT, HCP-110, LT&C
	03:00 - 03:30	0.50	CIRC	1	CIRCULATE & CONDITION, LOST CIRCULATION @ 3300', 55 STKS 194GPM, MW-9.8, VIS 43, 7% LCM
3/6/2007	03:30 - 04:30	1.00	CMT	1	R/U HALLIBURTON TO CEMENT, SAFETY MEETING
	04:30 - 06:00	1.50	CMT	2	CEMENTING 9 5/8 CASING
	06:00 - 09:30	3.50	CMT	2	CEMENTING
					LEAD- 842 SK, CBM- LIGHT, 10.5 PPG, YIELD 4.14, F/ 3000' T/5100'
					TAIL- 585 SK, 50- 50 POZ, 14.35 PPG, YIELD 1.25, F/5100' T/ 6100'
					BUMPED PLUG- @ 9AM 3-5-07, FLOAT HELD @ 3000PSI, RELEASED
					PRESSURE
	09:30 - 10:00	0.50	BOP	1	FINISH N/D BOP AND FLOW LINE
	10:00 - 12:00	2.00	CSG	7	SET SLIPS, CAMERON ROUGH CUT CASING, SET @ 280K
	12:00 - 14:00	2.00	BOP	1	4 BOLT BOP TO L/D DRILL PIPE
	14:00 - 15:00	1.00	CSG	1	L/D & CHANGE OUT ELEVATORS & BAILS
	15:00 - 18:00	3.00	TRP	2	TRIP IN TO L/D DRILL PIPE, INSTALL ROTATING HEAD RUBBER
	18:00 - 20:00	2.00	TRP	3	R/U L/D MACHINE & LAY DOWN PIPE
	20:00 - 21:30	1.50	TRP	2	TRIP IN HOLE
	21:30 - 01:30	4.00	TRP	3	LAY DOWN DRILL PIPE, RIG DOWN L/D TRUCK
	01:30 - 06:00	4.50	BOP	1	N/D BOP

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State of Utah
Division of Oil, Gas and Mining

ENTITY ACTION FORM - FORM 8

OPERATOR:
ADDRESS:

Questar Exploration + Production Co
1571 East 1700 South
Vernal, Utah 84678 (435)781-4360

OPERATOR ACCT. No. 5085

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
B	99999	15879	43-047-38990	GB 1M 4 8 22R	NENE	4	8S	22E	Utah	1/24/07	3/22/07
WELL 1 COMMENTS: MNCS											
CONFIDENTIAL											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

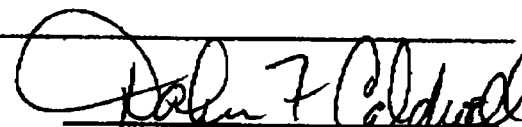
NOTE: Use COMMENT section to explain why each Action Code was selected

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DIV. OF OIL, GAS & MINING


Signature

Office Administrator II
Title

3/16/07
Date

Phone No. (435)781-4342

CONFIDENTIAL

CONFIDENTIAL

Questar E & P						Page 1 of 9
Operations Summary Report						
Well Name: GB 1M-4-8-22R				Spud Date: 1/24/2007		
Location: 4-8-S 22-E 26				Rig Release: 3/7/2007		
Rig Name: TRUE				Rig Number: 32		
43-047-38990						
Date	From - To	Hours	Code	Sub Code	Description of Operations	
1/24/2007	06:00 - 08:00	2.00	LOC	4	RIG DOWN TO SKID RIG FOR TRUCKS	
	08:00 - 10:00	2.00			RIG UP CRAINE, TRUCKS TO PULL FRONT TWO MATS	
	10:00 - 15:30	5.50	LOC	4	DIG CELLAR IN STALL RING	
	15:30 - 17:00	1.50	LOC	4	SLID RIG 10' AHEAD W/ 4 TRUCKS, CRAINE , 2 D-8 CATS	
	17:00 - 00:00	7.00	LOC	4	RIG BACK UP FRONT YARD	
1/25/2007	00:00 - 06:00	6.00	TRP	1	PICK UP DP STAND IN DERRICK	
	06:00 - 10:00	4.00	LOC	4	SET GAS BUSTER, CHOKE HOUSE IN W/ CRAIN, FLOW LINE	
	10:00 - 12:00	2.00			TRYING TO SCREW IN TO BHA STANDING DERRICK	
	12:00 - 13:00	1.00			KICK PUMPS IN FROZE IN TOP DRIVE	
	13:00 - 16:00	3.00			STAND BHA BACK IN DERRICK TOP DRIVE BACK OUT DRILL PIPE IN TOP OF	
1/26/2007					MONEL DC HAD TO GET SCREWED BACK IN MONEL DC	
	16:00 - 17:00	1.00	RIG	5	UNTHAW TOP DRIVE IN UPPER KELLY COCK	
	17:00 - 18:00	1.00	TRP	1	PICK UP BHA	
	18:00 - 21:00	3.00	DRL	1	SPUD IN 17 1/2 HOLE @ 1800 1/24/2007 DRILLING F/21 TO 47'	
	21:00 - 22:00	1.00	RIG	2	TIGHT UP STAND PIPE UNION	
	22:00 - 02:30	4.50	DRL	1	DRILL F/ 47 TO 258	
	02:30 - 05:00	2.50	TRP	2	LAY DOWN 6 DP, TO 2 STD 6 5/8 HWD	
	05:00 - 06:00	1.00	REAM	1	WASH 90' TO BOTTOM	
	06:00 - 06:30	0.50	SUR	1	SURVEY @ 261 1.2 DEG 54.0 AZ	
	06:30 - 10:30	4.00	DRL	1	DRILL F/ 258 TO 350	
	10:30 - 11:00	0.50			CLEAN OUT SUCTION&DISCHARGE LINE ON CELLAR PUMP	
	11:00 - 11:30	0.50	DRL	1	DRILLING F/ 350 TO 374	
	11:30 - 12:30	1.00	TRP	2	L/D 5 JTS. PIPE & RUN IN 6 5/8 HWD	
	12:30 - 16:30	4.00	DRL	1	DRILLING F/374 TO 526'	
	16:30 - 17:00	0.50	SUR	1	SURVEY @ 476' 1.7 DEG 39.4 AZ	
1/27/2007	17:00 - 18:30	1.50	TRP	14	SHORT TRIP TO BIT(SLM BOARD 526.0 STRAP 528.33 NO CORR.)	
	18:30 - 19:30	1.00	CIRC	1	CIRC. SWEEP AROUND RUN 13 3/8 CSG.	
	19:30 - 22:00	2.50	TRP	2	TRIP OUT RUN 13 3/8 CASING, L/D IBS, SHOCK SUB	
	22:00 - 00:00	2.00	CSG	1	RIG UP CASING CREW, CHANGE OUT BAILES ON TOP DRIVE	
	00:00 - 03:00	3.00	CSG	2	RUN 12 JTS 13 5/8 CASING K-55 # 54.5 W/ WESTSTATE CASING	
	03:00 - 04:00	1.00	CIRC	1	RIG UP CIRC 13 3/8 CSG.	
	04:00 - 06:00	2.00	CMT	2	RIG CMT. HELD SAFETY MEETING CMT. 13 3/8 CSG	
	06:00 - 07:00	1.00	CMT	2	CEMENT 13 3/8 CSG. W/ 500 SK. TYP 3 0.2 VERASET, 1% CALCIUM CHLORID, 0.125#/SK POLYFLACK #14.5 PPG.YIELD 1.40 RETRUNED 9.5 BBL TO PIT	
					FLOAT HELD.PLUG DOWN @ 06:30 RIG DOWN CEMENTER	
	07:00 - 12:00	5.00	WOT	1	WOC	
	12:00 - 18:00	6.00	BOP	1	CUT OFF PIPE, CHIP CMT DOWN 1 FT. FOR BASE PLATE ON HEAD, WELD ON HEAD, TEST TO 1,000 PSI	
	18:00 - 06:00	12.00	BOP	1	NIPPLE UP BOPS	
	06:00 - 19:00	13.00	BOP	2	TEST BOPS,HAD RETIGHT ALL FLANGE, TESTED HYDRILL,WING VAVLES, UNTHAW HCR VALVE,TESTED HCR	
	1/28/2007	19:00 - 20:00	1.00	RIG	2	CHANGE OUT 4 1/2 PIPE RAMS, BLOCKS
20:00 - 22:00		2.00	BOP	2	TEST UPPER KELLY,	
22:00 - 00:00		2.00	RIG	2	FLIP PIPE RAMS OVER	
00:00 - 01:00		1.00	BOP	2	CHANGE OUT TEST JT.UNTHAW TOP DRIVE	
01:00 - 02:00		1.00	BOP	2	RETEST PIPE RAMS,NO GOOD	
02:00 - 06:00		4.00	RIG	2	NIPPLE DOWN BOPS,WAIT ON NEW DOUBLE GATE FROM QUAIL OUT	
					CASPER SHOULD BE HEAR @ 12:00 TO DAY	
					NIPPE DOWN BOPS , WAIT ON DOUBLE GATE F/ QUAIL IN CASPER,	
					UNTHAW KELLY HOSE,PUT KELLY HOSE EXT.PIPE ON TO KEEP HOSE OFF TOP DRIVE	
1/29/2007	06:00 - 17:00	11.00	WOT	4	NIPPLE UP BOPS	
	17:00 - 23:00	6.00	BOP	1	TEST BOPS PIPE RAMS, BLINDS, CHOKE MANFOILD, WING VALVE, HCR,	
	23:00 - 06:00	7.00	BOP	2		

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Questar E & P
Operations Summary Report

Page 2 of 9

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release: 3/7/2007
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/29/2007	23:00 - 06:00	7.00	BOP	2	CHECK VALVE UPPER, LOEWR KELLY VAVLE, LOW, 250 PSI 5MINS, HIGH 5,000 10 MIN, HY DRILL 250 LOW 5MIN. HIGH 2500 PSI 10 MINS. TEST CASING TO 1500 PSI FOR 30 MINS OK
1/30/2007	06:00 - 13:30	7.50	RIG	2	NIPPLE DOWN ROTATING HEAD ADD 14" TO SPOOL WAIT ON WELDER, REDUE SPOOL FOR ROTATING HEAD,INSTALL WEAR BUSHING, DRILL MOUSE HOLE,
	13:30 - 19:00	5.50	RIG	2	NIPPLE UP ROTATING HEAD, HOOK UP FLOW LINE
	19:00 - 20:30	1.50	BOP	1	PUT TRUN BUCKLES ON BOP , CENTER BOP UP TO ROTARY TABLE
	20:30 - 00:00	3.50	TRP	1	P/ UP BHA
	00:00 - 01:00	1.00	TRP	2	TRIP IN HOLE TAGED CMT AT 470'
	01:00 - 04:30	3.50	DRL	1	DRILLING CMT ,FLOAT COLLAR, SHOE, & 10' NEW HOLE
	04:30 - 05:30	1.00	EQT	2	RIG UP , FIT TEST TO 61 PSI = 10.5 MUD WT BLEAD OFF 10 PSI IN 5MINS TESTED W/ SINGLE JACK TESTING
1/31/2007	05:30 - 06:00	0.50	TRP	3	LAY DOWN SLICK JT . DP , UP SPIRAL HWDP
	06:00 - 09:30	3.50	DRL	1	DRILLING F/ 526 TO 720
	09:30 - 11:00	1.50	CIRC	1	CIRC WHILE WORKING ON PASON EQUIPT.
	11:00 - 12:30	1.50	DRL	1	DRILLING F/ 720 TO 812
	12:30 - 13:00	0.50	OTH		CIRC. WORK ON TOP DRIVE STALLING OUT W/ 10,000 WT
	13:00 - 13:30	0.50	DRL	1	DRILLING F/812 TO 830
	13:30 - 14:00	0.50	OTH		CIRC. WORK ON TOP DRIVE
	14:00 - 15:30	1.50	DRL	1	DRILLING F/ 830 TO 904
	15:30 - 16:00	0.50	RIG	1	RIG SER.
	16:00 - 17:30	1.50	DRL	1	DRILLING F/ 904 TO 953
	17:30 - 20:00	2.50	OTH		WORK ON TOP DRIVE FILLTER COLAPSED
	20:00 - 20:30	0.50	DRL	1	DRILL F/ 953 TO 1035
	20:30 - 21:30	1.00	SUR	1	SURVEY @ 1,000' 1.6 DEG 35.2 AZ
	21:30 - 01:00	3.50	DRL	1	DRILL F/ 1035 TO 1147'
	01:00 - 02:30	1.50	OTH		CIRCULATE AND WORK PIPE WHILE CHANGE OUT FLITERS ON TOP DRIVE 12 FILTERS ALL IN BAD CONDITION.
2/1/2007	02:30 - 06:00	3.50	DRL	1	DRILL F/ 1147' TO 1250
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 1250' TO 1483'
	13:00 - 15:30	2.50	RIG	2	WAITTING ON WELDER AND REPAIR STAND PIPE
	15:30 - 17:00	1.50	DRL	1	DRILLING FROM 1483' TO 1514'
	17:00 - 18:00	1.00	SUR	1	RAN WIRE LINE SURVEY AT 1444' 1.9 DEG. 37.30 AZI
	18:00 - 20:30	2.50	DRL	1	DRILLING FROM 1514' TO 1544'
	20:30 - 23:00	2.50	TRP	13	TRIP OUT OF HOLE TO CASING SHOE DUE TO MOTOR FAILURE ON TOP DRIVE
	23:00 - 03:00	4.00	RIG	2	CHANGE OUT TOP MOTOR ON TOP DRIVE, AND TESTED MOTOR
	03:00 - 04:30	1.50	TRP	13	TRIP IN HOLE TO 1079'
2/2/2007	04:30 - 06:00	1.50	REAM	1	WASH AND REAM FROM 1079' TO 1544'
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 1544' TO 1734'
	13:00 - 15:30	2.50	OTH		REPAIR PASON
	15:30 - 20:30	5.00	RIG	2	WELDER REPAIR DISCHARGE LINE ON PUMP # 2
	20:30 - 22:00	1.50	DRL	1	DRILLING FROM 1734' TO 1796'
	22:00 - 23:00	1.00	CIRC	1	MADE CONNECTION HOLE PACKING OFF BENT TWO JOINTS PIPE CIRCULATED HI VIS SWEEP
	23:00 - 00:30	1.50	DRL	1	DRILLING FROM 1796' TO 1801'
	00:30 - 02:00	1.50	RIG	2	REPAIR MUD PUMP CHANGE SWAB #1 PUMP
	02:00 - 06:00	4.00	DRL	1	DRILLING FROM TO 1801' TO 1920'
2/3/2007	06:00 - 11:00	5.00	DRL	1	DRILLING FROM 1900' TO 2017'
	11:00 - 11:30	0.50	RIG	1	SERVISE RIGRIG SERVICE
	11:30 - 12:00	0.50	OTH		INSTALL ROTATING HEAD
	12:00 - 22:00	10.00	DRL	1	DRILLING FROM 2017' TO 2203'

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Questar E & P
Operations Summary Report

Page 3 of 9

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release: 3/7/2007
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/3/2007	22:00 - 22:30	0.50	OTH		REPAIR TOP DRIVE
	22:30 - 23:00	0.50	SUR	1	WIRE LINE SURVEY AT 2133' 1.7 DEG. 36.2 AZM
	23:00 - 06:00	7.00	DRL	1	DRILLING FROM 2203' TO 2275'
2/4/2007	06:00 - 08:30	2.50	DRL	1	DRILLING FROM 2275' TO 2309'
	08:30 - 09:00	0.50	CIRC	1	PUMP SWEEPS AND CIRCULATE
	09:00 - 12:30	3.50	TRP	10	TRIP OUT OF HOLE FOR BIT
	12:30 - 14:30	2.00	TRP	10	CHANGE OUT BIT AND TRIP IN HOLE TO SHOE
	14:30 - 15:00	0.50	RIG	1	SERVICE TOP DRIVE
	15:00 - 15:30	0.50	TRP	10	TRIP IN HOLE HIT BRIDGE AT 873'
	15:30 - 23:00	7.50	REAM	1	WASH AND REAM FROM 873' TO 2164 EXCESSIVE AMOUNTS OF PEE GRAVEL COMING BACK ACROSS SHALE SHAKERS, RAISING WT AND VIS
	23:00 - 00:00	1.00	RIG	2	CHANGE OUT KELLY SAVER SUB
	00:00 - 05:00	5.00	TRP	10	PACKED OFF WORKING TIGHT HOLE FROM 2164 BACK REAM UP TO
	05:00 - 06:00	1.00	CIRC	1	CIRC. AND RAISE WT TO 9.2, VIS TO 40, REAMING TO BOTTOM
2/5/2007	06:00 - 08:30	2.50	REAM	1	WASH AND REAM FROM 2197 TO 2314
	08:30 - 14:00	5.50	DRL	1	DRILLING FROM 2309 TO 2390
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	14:30 - 06:00	15.50	DRL	1	DRILLING FROM 2390 TO 2757
	06:00 -				NOTE: AFTER RAISING VIS AND WT, TORQUE WENT AWAY
2/6/2007	06:00 - 09:30	3.50	DRL	1	DRILLING FROM 2757 TO 2832
	09:30 - 10:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	10:00 - 12:30	2.50	DRL	1	DRILLING FROM 2832 TO 2895
	12:30 - 13:00	0.50	RIG	2	RIG REPAIR, FILL # 2 PUMP MOTOR WITH ANTIFREEZE
	13:00 - 06:00	17.00	DRL	1	DRILLING FROM 2895 TO 3230
2/7/2007	06:00 - 07:00	1.00	DRL	1	DRILLING FROM 3230 TO 3275
	07:00 - 07:30	0.50	RIG	2	RIG REPAIR DAY TANK ON # 2 PUMP RAN OUT OF FUEL
	07:30 - 10:30	3.00	DRL	1	DRILLING FROM 3275 TO 3339
	10:30 - 11:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	11:00 - 00:30	13.50	DRL	1	DRILLING FROM 3339 TO 3593
	00:30 - 01:30	1.00	RIG	2	RIG REPAIR # 2 PUMP, REPLACED VALVE & SEAT IN SUCTION
	01:30 - 06:00	4.50	DRL	1	DRILLING FROM 3593 TO 3664
2/8/2007	06:00 - 10:30	4.50	DRL	1	DRILLING FROM 3664 TO 3750
	10:30 - 11:30	1.00	RIG	2	CHANGE OUT MIDDLE DISCHARGE VALVE AND SEAT # 1 PUMP
	11:30 - 17:00	5.50	DRL	1	DRILLING FROM 3750 TO 3847
	17:00 - 18:00	1.00	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	18:00 - 19:00	1.00	DRL	1	DRILLING FROM 3847 TO 3870
	19:00 - 21:00	2.00	TRP	13	PRESSURE LOSS, BIT QUIT DRILLING, LOOKING FOR PRESSURE LOSS WENT THROUGH BOTH PUMPS
	21:00 - 22:00	1.00	TRP	13	MIX UP PILL
	22:00 - 22:30	0.50	TRP	13	DROP SURVEY
	22:30 - 23:00	0.50	TRP	13	PUMP PILL
	23:00 - 01:30	2.50	TRP	13	TRIP OUT FOR MOTOR
	01:30 - 06:00	4.50	TRP	13	TWO 2" HOSES BLEW INTO BETWEEN TOP DRIVE UNIT AND 1/4 WAY UP DERRICK, WHILE BREAKING OUT SAVER SUB TO PULL OUT HWDP
2/9/2007	06:00 -				NOTE: HAD 6 TH MAN CHANGE LINERS IN #1 PUMP TO 5 1/2
	06:00 - 12:30	6.50	OTH		WORKING ON TESCO TOP DRIVE, REPLACING 2" HOSES, PROBLEMS W/ BACK PRESSURE ON GRABBER
	12:30 - 13:30	1.00	TRP	13	TRIP OUT TO SHOE
	13:30 - 15:00	1.50	OTH		WORKING ON BACKPRESSURE ON GRABBER, REPLACE CHECK VALVE
	15:00 - 18:00	3.00	TRP	1	TRIP OUT , CHANGE OUT BIT AND MOTOR, CLOSE AND OPEN BLINDS, PIPES AND HYDRIL
	18:00 - 23:00	5.00	TRP	13	TRIP IN TO 1100', HIT BRIDGE, COULD NOT CIRCULATE THROUGH STRING

Printed: 4/5/2007 8:21:03 AM

Questar E & P
Operations Summary Report

Page 4 of 9

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release: 3/7/2007
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/9/2007	23:00 - 02:00	3.00	TRP	13	TRIP OUT TO MOTOR,
	02:00 - 04:00	2.00	TRP	13	FLOAT BROKE, CLEAN JUNK OUT OF MOTOR
	04:00 - 05:30	1.50	TRP	2	TRIP IN WITH MOTOR AND IBS, CIRCULATE THROUGH BHA, GOOD
	05:30 - 06:00	0.50	TRP	2	TRIP IN WITH BHA
2/10/2007	06:00 - 07:00	1.00	TRP	2	TRIP INTO 1100
	07:00 - 07:30	0.50	OTH		INSTALL TRIP SLEEVE IN ROTATING HEAD
	07:30 - 16:00	8.50	REAM	1	WASH AND REAM FROM 1100' TO 3183
	16:00 - 17:00	1.00	OTH		INSTALL ROTATING HEAD RUBBER,
	17:00 - 18:00	1.00	REAM	1	HOLE PACKED OFF LOST CIRC, BACK REAM FROM 3207 UP TO 3200' NO CIRCULATION
	18:00 - 22:00	4.00	CIRC	2	LOST CIRC, PACKED OFF, BACK REAM FROM 3207 TO 3179, GOT RETURNS
	22:00 - 01:00	3.00	CIRC	1	CIRCULATE AND CONDITION MUD
	01:00 - 02:00	1.00	TRP	2	TRIP IN HOLE TO 3780
	02:00 - 04:00	2.00	REAM	1	WASH AND REAM FROM 3780 TO 3860
	04:00 - 05:00	1.00	RIG	2	RIG REPAIR, GO THROUGH # 2 PUMP CLEAN OUT ROCKS
	05:00 - 05:30	0.50	REAM	1	WASH AND REAM FROM 3860 TO 3870
	05:30 - 06:00	0.50	DRL	1	DRILLING FROM 3870 TO 3875
2/11/2007	06:00 - 08:00	2.00	DRL	1	DRILLING FROM 3875' TO 3927'
	08:00 - 09:30	1.50	RIG	2	REPAIR MUD PUMP # 2
	09:30 - 21:30	12.00	DRL	1	DRILLING FROM 3927' TO 4164'
	21:30 - 22:00	0.50	RIG	2	CHANGE OUT TWO SHAKER SCREEN ON ONE ON EACH SHAKER
	22:00 - 06:00	8.00	DRL	1	DRILLING FROM 4164' TO 4280, AT 4242' HOLE STARTED TAKING MUD AVERAGE 65 BBL / HR. ADDED 20 SKS NEW CARB, 20 SKS MICA, 20 SKS DYNA FIBER, AND 20 SKS ASH PHALT IN 1 HOUR 15MIN LOSSES WERE DOWN TO 12 BBLs / HOUR
2/12/2007	06:00 - 09:00	3.00	DRL	1	DRILLING FROM 4292' TO 4326'
	09:00 - 05:00	20.00	RIG	2	CIRCULATE AND CONDITION WHILE ATTEMPT TO REPAIRING # 2 MUD PUMP DISCHARGE, REPAIRS FAILED CHANGED OUT DISCHARGE MODULE
	05:00 - 06:00	1.00	DRL	1	DRILLING FROM 4326' TO 4340'
2/13/2007	06:00 - 11:00	5.00	DRL	1	DRILLING FROM 4340' TO 4379'
	11:00 - 12:00	1.00	SUR	1	DROP SURVEY AT 4309' 1.5 DEG 61.20 AZI
	12:00 - 19:30	7.50	TRP	10	TRIP OUT OF HOLE DUE TO PENETRATION RATE
	19:30 - 22:00	2.50	OTH		PULLED WEAR BUSHING TO CHECK WEAR, DRILL PIPE RIDING ON SIDE OF BOPS SLIGHT WEAR ON WEAR BUSHING RE RAN WEAR BUSHING
	22:00 - 02:30	4.50	TRP	10	MADE UP BIT # 5 SMITH MX9539 AND TRIP IN HOLE (1.5 HOURS TO LATCH ONTO STAND OF 8" DRILL COLLARS)
	02:30 - 04:00	1.50	RIG	6	SLIPPED AND CUT DRILL LINE
	04:00 - 06:00	2.00	OTH		ADJUST TOP DRIVE TRACK AND ALINE BOPS WITH ROTARY TABLE
2/14/2007	06:00 - 09:00	3.00	TRP	10	TRIP IN HOLE TO 4300
	09:00 - 10:30	1.50	REAM	1	SAFETY WASH 79' TO BOTTOM 20' OF FILL
	10:30 - 14:30	4.00	DRL	1	DRILLING FROM 4379 TO 4416
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	15:00 - 17:00	2.00	DRL	1	DRILLING FROM 4416 TO 4431
	17:00 - 18:00	1.00	RIG	2	RIG REPAIR, REPLACE SUCTION VALVE AND SEAT IN # 1 PUMP
	18:00 - 01:30	7.50	DRL	1	DRILLING FROM 4431 TO 4478
	01:30 - 05:00	3.50	RIG	2	RIG REPAIR # 1 PUMP SUCTION VALVE AND SEAT, BULL WHEEL SIDE, ALSO CHANGED VALVE IN DISCHARGE MIDDLE
	05:00 - 06:00	1.00	DRL	1	DRILLING FROM 4478 TO 4487
2/15/2007	06:00 - 10:30	4.50	DRL	1	DRILLING/ 4487 TO 4500
	10:30 - 13:00	2.50	RIG	2	CHANGE OUT VALVE, SEAT IN # 2PUMP CENTER POT
	13:00 - 13:30	0.50	RIG	1	RIG SER
	13:30 - 14:00	0.50	DRL	1	DRILL F/ 4500 TO 4520

Printed: 4/5/2007 8:21:03 AM

Questar E & P
Operations Summary Report

Page 5 of 9

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release: 3/7/2007
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/15/2007	14:00 - 15:00	1.00	CIRC	1	CIRC, MIX, PUMP SWEEP LMC (LOST 120 BBL. MUD)
	15:00 - 18:00	3.00	DRL	1	DRILL F/ 4520 TO 4584
	18:00 - 23:00	5.00	DRL	1	DRILL F/4584 TO 4619
	23:00 - 00:00	1.00	RIG	2	GO THRU #2 MUD PUMP, CHANGE OUT VALVES ON SUCTION AND DISCHARGE
2/16/2007	00:00 - 03:00	3.00	DRL	1	DRILL F/4619 TO 4641
	03:00 - 03:30	0.50	RIG	2	WORK ON #2 PUMP, CHANGE OUT VALVES IN MIDDLE SECTION
	03:30 - 06:00	2.50	DRL	1	DRILL F/4641 TO/
	06:00 - 10:00	4.00	DRL	1	DRILL F/ 4671' TO/ 4686' (LOST 100 BBLS MUD, DRAIN VALVE TO TRIP TANK WAS LEFT OPEN)
2/17/2007	10:00 - 13:00	3.00	REAM	1	REAMING, WORK TORQUE OUT
	13:00 - 16:00	3.00	CIRC	1	CIRCULATE & CONDITION MUD, MIX & PUMP DRY JOB
	16:00 - 18:30	2.50	TRP	10	T.O.O.H TO HWDP, SLM 4685'
	18:30 - 03:30	9.00	ISP	1	INSPECT BHA & LAY DOWN 4 JTS OF 4 1/2" HWDP
	03:30 - 06:00	2.50	TRP	1	LAY DOWN MOTOR, SHOCK TOOL, IBS STABILIZER, BIT
	06:00 - 07:00	1.00	TRP	1	LAY DOWN STABILIZER & MUD MOTOR
	07:00 - 08:00	1.00	TRP	1	TRIP IN, PICK UP & REPLACE 4 JTS 4 1/2 HWDP, JARS
	08:00 - 12:00	4.00	TRP	2	TIH
	12:00 - 14:00	2.00	REAM	1	WASH & REAM F/3254', T/3515'
	14:00 - 15:00	1.00	TRP	2	TIH
	15:00 - 15:30	0.50	REAM	1	WASH & REAM F/4602 T/ 4685
	15:30 - 16:00	0.50	DRL	1	DRILL F/ 4685 T/ 4688
	16:00 - 16:30	0.50	CIRC	1	CONDITION & CIRC, PUMP SWEEP
	16:30 - 17:30	1.00	DRL	1	DRILL F/ 4688' T/ 4701
	17:30 - 18:00	0.50	SUR	1	DEVIATION SURVEY @ 4610' (1.2 DEVIATION)
2/18/2007	18:00 - 18:30	0.50	DRL	1	DRILL F/4701 T/ 4707
	18:30 - 19:00	0.50	CIRC	2	LOST CIRCULATION, 100 BBL LOSS
	19:00 - 06:00	11.00	CIRC	1	WORK TIGHT SPOT, CIRC & COND MUD, JARING TIGHT HOLE @ 4693', 14FT OFF BOTTOM
	06:00 - 14:00	8.00	FISH	3	JARING ON STUCK PIPE @ 4693 UP TO 4672
	14:00 - 21:30	7.50	FISH	4	RIG UP WEATHFORD WIRE LINE TRUCK TO FREE POINT
	21:30 - 05:00	7.50	FISH	5	SPOT 300 LBS FRACK SAND IN MUD MOTOR DID NOT WORK SPOTED 300LBS SAND AGAN STILL DID NOT WORK
	05:00 - 06:00	1.00	FISH	3	JARING ON STUCK PIPE W/ ON STEEL BALL TO LOCK UP MOTOR SO WE CAN BACK OFF
	06:00 - 12:00	6.00	FISH	3	JARING ON STUCK PIPE, CAME FREE
	12:00 - 13:00	1.00	TRP	2	TRIP OUT 2 STANDS
	13:00 - 14:30	1.50	CIRC	1	CIRCULATE, MIX & PUMP PILL, L/D FREE POINT CREW
2/19/2007	14:30 - 18:00	3.50	TRP	2	T.O.O.H, L/D DRILLING JARS
	18:00 - 20:00	2.00	TRP	2	T.O.O.H
	20:00 - 22:00	2.00	TRP	1	L/D SHOCK SUB, MOTOR, PDC BIT, MONEL
	22:00 - 23:00	1.00	RIG	1	WORK ON TOP DRIVE
	23:00 - 00:00	1.00	TRP	1	P/U JUNK BASKET, MILL TOOTH BIT
	00:00 - 06:00	6.00	TRP	2	TRIP IN HOLE
	06:00 - 07:00	1.00	REAM	1	WASH 90' TO BOTTM 4617 TO 4707
	07:00 - 07:30	0.50	FISH	5	WORK JUNK SUB ON BOTTOM PICK UP BALL, NUTS
	07:30 - 08:00	0.50	DRL	1	DRILLING F/ 4707 TO 4718
	08:00 - 08:30	0.50	CIRC	1	CIRC, MIX & PUMP PILL
	08:30 - 12:00	3.50	TRP	2	TRIP OUT HOLE W/ JUNK SUB (CLOSED BLIND RAMS, WORKED PIPE RAMS)
	12:00 - 12:30	0.50	FISH	5	CLEAN OUT JUNK SUB (RECOVERED 176 STEEL BALL, 76 1/4, 1/2 NUTS)
	12:30 - 15:00	2.50	TRP	1	L/D BIT SUB, P/U MUD MOTOR, MONEL DC.
	15:00 - 18:30	3.50	TRP	2	TRIP IN HOLE
2/20/2007	18:30 - 19:00	0.50	REAM	1	WASH & REAM 30' TO BOTTOM, F/4688' T/ 4718'

Printed: 4/5/2007 8:21:03 AM

Questar E & P
Operations Summary Report

Page 6 of 9

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release: 3/7/2007
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/20/2007	19:00 - 21:30	2.50	DRL	1	DRILL F/ 4718' T/4780'
	21:30 - 22:30	1.00	RIG	2	WORK ON #1 MUD PUMP, CHANGE SWAB
	22:30 - 00:00	1.50	DRL	1	DRILL F/4780' T/4812'
	00:00 - 01:00	1.00	RIG	2	WORK ON #1 MUD PUMP, CHANGE ANOTHER SWAB
	01:00 - 01:30	0.50	DRL	1	DRILL F/4812' T/4831'
	01:30 - 02:00	0.50	RIG	2	COOL #2 MUD PUMP
2/21/2007	02:00 - 06:00	4.00	DRL	1	DRILL F/4831' T/4913'
	06:00 - 14:30	8.50	DRL	1	DRILL F/4913' T/5045'
	14:30 - 15:00	0.50	RIG	2	RIG REPAIR, WORK ON #1 MUD PUMP, CHANGE 1 DISCHARGE & 2 SUCTION VALVES
	15:00 - 16:30	1.50	DRL	1	DRILL F/ 5045' T/5065'
	16:30 - 17:00	0.50	RIG	1	SERVICE RIG
	17:00 - 19:00	2.00	DRL	1	DRILL F/5065' T/5071'
	19:00 - 19:30	0.50	RIG	2	RIG REPAIR, COOL DOWN #1 MUD PUMP MOTOR
	19:30 - 21:00	1.50	DRL	1	DRILL F/5071' T/ 5078', MW 9.7, 47 VIS,
	21:00 - 22:30	1.50	CIRC	1	CIRC & COND MUD, FILL TRIP TANK, MIX & PUMP PILL, DROP SURVEY
	22:30 - 04:00	5.50	TRP	10	P.O.O.H, TRIP OUT FOR BIT
2/22/2007	04:00 - 06:00	2.00	TRP	1	L/D & P/U MOTOR & BIT
	06:00 - 07:00	1.00	TRP	1	P/U BHA
	07:00 - 08:30	1.50	TRP	10	TRIP IN HOLE TO SHOE
	08:30 - 10:00	1.50	RIG	6	CUT DRILLING LINE
	10:00 - 13:00	3.00	TRP	10	TRIP IN HOLE
	13:00 - 14:00	1.00	REAM	1	WASH TO 30' TO BOTTOM (BLOW BOTTOM OFF GOOD BEFORE DRLG.) NO FILL
	14:00 - 15:00	1.00	DRL	1	DRILLING F/ 5078 TO 5165 (HELD BOP DRILL 2 MIN.)
	15:00 - 15:30	0.50	RIG	1	RIG SER. & SER. TOP DRIVE, (WORK PIPE RAMS)
	15:30 - 00:30	9.00	DRL	1	DRILLING F/ 5165 TO 5258
	00:30 - 02:00	1.50	RIG	2	RIG REPAIR, WORK ON # RIG PUMP, CHANGE
2/23/2007	02:00 - 04:00	2.00	DRL	1	DRILLING F/5258' T/5323
	04:00 - 04:30	0.50	RIG	2	RIG REPAIR, 1 SUCTION VALVE ON #2 PUMP
	04:30 - 06:00	1.50	DRL	1	DRILLING F/5323' T/5335
	06:00 - 10:30	4.50	DRL	1	DRILLING F/ 5335 TO 5428
	10:30 - 12:00	1.50	RIG	2	TURNED FAN AROUND ON # 1 & # 2 PUMPS
	12:00 - 13:30	1.50	DRL	1	DRILLING F/ 5428 TO 5449
	13:30 - 15:00	1.50	RIG	2	CHANGE SWAB IN # 2 PUMP MIDDLE POT
	15:00 - 06:00	15.00	DRL	1	DRILL F/ 5449 TO 5570
	06:00 - 10:00	4.00	DRL	1	DRILLING F/ 5570 TO 5609
	10:00 - 10:30	0.50	RIG	1	RIG SER. , TOP DRIVE SER.
2/24/2007	10:30 - 11:30	1.00	RIG	2	CHANGE LINER , SWAB IN # 2 PUMP BILL WHEEL SIDE
	11:30 - 16:00	4.50	DRL	1	DRILLING F/ 5609 TO 5627
	16:00 - 16:30	0.50	CIRC	1	CIRC COND FOR TRIP
	16:30 - 17:00	0.50	SUR	1	SURVEY @ 5597 .5 DEG 157.6 AZ
	17:00 - 17:30	0.50	CIRC	1	PUMP PILL, BLOW KELLY OUT
	17:30 - 23:00	5.50	TRP	10	TRIP OUT FOR BIT # 9 (HAD TRIP BOP DRILL)
	23:00 - 00:00	1.00	TRP	1	CHANGE OUT BITS (CLOSED BLINDS RAMS, OPEN)
	00:00 - 06:00	6.00	TRP	10	TRIP IN HOLE
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE TAGED UP @4785 TITE
	07:00 - 12:00	5.00	CIRC	1	WORK TITE HOLE, LOST 130 BBLs MUD, RUN STAND IN 4813
2/25/2007	12:00 - 17:00	5.00	RIG	2	CHANGE PUMP ON TOP DRIVE
	17:00 - 17:30	0.50	TRP	10	TRIP IN HOLE
	17:30 - 18:00	0.50	REAM	1	WASH 60' TO BOTTOM
	18:00 - 19:00	1.00	DRL	1	DRILL F/5627 TO 5629
	19:00 - 20:30	1.50	RIG	2	WORK ON # 1 PUMP SWAB, #1 CHAGER PUMP SWITCH DOWN

Printed: 4/5/2007 8:21:03 AM

Questar E & P
Operations Summary Report

Page 7 of 9

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release: 3/7/2007
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/25/2007	20:30 - 21:00	0.50	DRL	1	DRILL F/ 5629 TO 5630
	21:00 - 23:00	2.00	RIG	2	CHANGE SEAT, #1 PUMP BULL WHEEL SIDE, CHANGE SWAB MIDDLE
	23:00 - 02:00	3.00	DRL	1	DRILL F/ 5630 TO 5649
	02:00 - 03:00	1.00	CIRC	2	LOST CIRC @ 5649 LOST 300 BBLS.
	03:00 - 04:30	1.50	TRP	2	TRIP OUT HOLE TIGHT @ 4810
2/26/2007	04:30 - 06:00	1.50	REAM	1	BACK REAMING F/ 48 10 TO 4809
	06:00 - 07:00	1.00	CIRC	2	LOST CIRC (150 BBLS)
	07:00 - 09:00	2.00	TRP	2	TRIP OUT 10 STAND COULDN'T CIRC TRIP TO 4750, BACK REAMING TO 4785
	09:00 - 10:30	1.50	TRP	2	TRIP BACK IN HOLE
	10:30 - 12:30	2.00	DRL	1	DRILL F/5649 TO 5670
	12:30 - 13:30	1.00	CIRC	1	WORK TIGHT HOLE @ 5670 ON CONN.
	13:30 - 23:00	9.50	DRL	1	DRILLING F/5670 TO 5732
	23:00 - 00:00	1.00	CIRC	1	WORK TIGHT HOLE @ 5732 TO 5642 (3 TIMES HOLE GOOD FREE)
	00:00 - 06:00	6.00	DRL	1	DRILLING 5732 TO (DRILL W/ NO FLUID LOST)
	06:00 -				
2/27/2007	06:00 - 09:00	3.00	DRL	1	DRILLING 5780 TO 5804
	09:00 - 15:00	6.00	REAM	1	BACK REAM , JARING UP THROW TIGHT HOLE @ 5803 TO 5700
	15:00 - 15:30	0.50	RIG	2	CHANGE OUT GRABBER DIES IN TOP DRIVE
	15:30 - 18:00	2.50	TRP	2	TRIP OUT HOLE TO 3127 TIGHT
	18:00 - 06:00	12.00	REAM	1	WORK TIGHT HOLE F/ 3127 TO 3072 (55')
2/28/2007	06:00 - 09:00	3.00	FISH	3	WORKING TIGHT HOLE JARING UP (3272 , 3464 PULLED 1 STD TIGHT AGAIN
					3400 JARED OUT TO 3369
	09:00 - 14:00	5.00	TRP	2	TRIP OUT HOLE
	14:00 - 17:00	3.00	TRP	1	L/D BHA. BIT, MM, JARS, AND STAB
	17:00 - 22:00	5.00	TRP	1	TRIP IN HOLE, TIGHT HOLE AT 3257' WORKED PIPE
	22:00 - 02:00	4.00	CIRC	1	CIRCULATE AND RAISE MUD WEIGHT TO 9.7 AT 3077'
	02:00 - 03:00	1.00	TRP	1	LOST RETURNS PULLED 2 STANDS
	03:00 - 05:30	2.50	CIRC	1	PUMP 2 50 LCM PILL AND CIRC
	05:30 - 06:00	0.50	TRP	1	TIH.
	06:00 - 07:30	1.50	TRP	2	TRIP IN HOLE
3/1/2007	07:30 - 08:00	0.50	REAM	1	WASHING TO BOTTOM LOST CIRC.
	08:00 - 08:30	0.50	TRP	2	TRIP OUT 10 STD.
	08:30 - 10:00	1.50	CIRC	1	MIX UP LCM PILL, PUMP
	10:00 - 14:00	4.00	CIRC	2	CIRC, BUILD MUD VOLUME
	14:00 - 15:30	1.50	TRP	2	TOOH TO 3130' TIGHT HOLE FROM 3250' TO 3130'
	15:30 - 19:00	3.50	CIRC	2	CIRC GOOD RETURNS REAM THROUGH TIGHT SPOT, BUILD VOLUME
	19:00 - 21:00	2.00	TRP	2	TIH BROKE CIRC EVERY 5 STANDS
	21:00 - 06:00	9.00	DRL	1	DRILLING FROM 5804' TO 5889'
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 5889' TO 5895'
	13:00 - 14:00	1.00	CIRC	1	PUMP PILL, CHANGE PLAN GO BACK TO DRILLING
3/2/2007	14:00 - 15:30	1.50	DRL	1	DRILLING NO PROGRESS
	15:30 - 18:00	2.50	DRL	1	MADE AND PUMPED BIT UNBALLING PILL WHILE ATTEMPTING TO DRILL NO PROGRESS
	18:00 - 00:00	6.00	TRP	10	TOOH TIGHT HOLE AT 5800' BACK REAMED THROUGH TIGHT SPOT AND TOOH NO OTHER PROBLEMS
	00:00 - 06:00	6.00	TRP	10	M/U NEW BIT RIH FILLED PIPE EVERY 6 STANDS AFTER 3200 FOOT
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE BRAKE CIRC EVERY 5 STAND
	07:00 - 08:00	1.00	REAM	1	WASH AND REAM TO 5801'
	08:00 - 10:30	2.50	RIG	2	REPAIR MUD PUMPS # 1 CHANGED OUT SWAB AND SEAT # 2 PUMP CHANGED OUT SWAB
	10:30 - 11:00	0.50	REAM	1	WASH REAM FROM 5801' TO 5895'
	11:00 - 11:30	0.50	CIRC	1	PUMP 40 BBLS OF UNBALLING PILL
	11:30 - 12:00	0.50	DRL	1	DRILLING FROM 5895' TO 5901'

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Questar E & P
Operations Summary Report

Page 8 of 9

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release: 3/7/2007
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/3/2007	12:00 - 12:30	0.50	RIG	2	REPAIR PUMP # 2 CHANGED SWAB
	12:30 - 03:30	15.00	DRL	1	DRILLING FROM 5901' TO 6014'
	03:30 - 04:00	0.50	RIG	2	REPAIR PUMP #2 CHANGED SWAB
	04:00 - 06:00	2.00	DRL	1	DRILL F/6014' T/ 6041'
3/4/2007	06:00 - 07:00	1.00	RIG	2	REPAIR MUD PUMP # 2 CHANGED SWAB AND VALVE
	07:00 - 08:30	1.50	DRL	1	DRILLING FROM 6041' TO 6067'
	08:30 - 09:30	1.00	REAM	1	TIGHT HOLE WORK PIPE WASHED AND REAMED TIGHT HOLE AT 6000'
	09:30 - 13:00	3.50	DRL	1	DRILLING FROM 6067' TO 6107'
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP
	14:00 - 18:30	4.50	TRP	14	SHORT TRIP INTO SHOE, SLM
	18:30 - 20:00	1.50	RIG	6	SLIP & CUT DRLG. LINE
	20:00 - 23:30	3.50	TRP	14	SHORT TRIP TO BOTTOM
	23:30 - 02:00	2.50	CIRC	1	CIRCULATE & CONDITION, MIX PILL FOR DRY JOB, FILL TRIP TANK
	02:00 - 02:30	0.50	SUR	1	DROP SURVEY TOOL, SURVEY @ 6068'
	02:30 - 03:00	0.50	TRP	2	TRIP OUT
	03:00 - 04:00	1.00	RIG	2	REPAIR TOP DRIVE HOSE
	04:00 - 06:00	2.00	TRP	2	TRIP OUT
3/5/2007	06:00 - 08:00	2.00	TRP	2	TOOH, TO RUN 9 5/8 CASING
	08:00 - 09:30	1.50	TRP	1	HELD SAFETY MEETING RIG UP LAY DOWN MACHINE
	09:30 - 12:30	3.00	TRP	1	LAYED DOWN 6 5/8 HWDP, 8 " DRILL COLLARS MONEL, AND MOTOR
					RETRIVED SURVEY DEPTH 6068 DEG. .9 AZI 149
	12:30 - 13:30	1.00	OTH		RETRIVED, WEAR BUSHING
	13:30 - 15:00	1.50	CSG	1	HELD SAFETY MEETING RIGGING UP CASING CREW, FILL UP TOOL, AND STABING BOARD
3/6/2007	15:00 - 03:00	12.00	CSG	2	RUN 140 JTS, 9 5/8 CASING 47#/FT, HCP-110, LT&C
	03:00 - 03:30	0.50	CIRC	1	CIRCULATE & CONDITION, LOST CIRCULATION @ 3300', 55 STKS 194GPM, MW-9.8, VIS 43, 7% LCM
	03:30 - 04:30	1.00	CMT	1	R/U HALLIBURTON TO CEMENT, SAFETY MEETING
	04:30 - 06:00	1.50	CMT	2	CEMENTING 9 5/8 CASING
	06:00 - 09:30	3.50	CMT	2	CEMENTING
					LEAD- 842 SK, CBM- LIGHT, 10.5 PPG, YIELD 4.14, F/ 3000' T/5100'
					TAIL- 585 SK, 50- 50 POZ, 14.35 PPG, YIELD 1.25, F/5100' T/ 6100'
					BUMPED PLUG- @ 9AM 3-5-07, FLOAT HELD @ 3000PSI, RELEASED PRESSURE
	09:30 - 10:00	0.50	BOP	1	FINISH N/D BOP AND FLOW LINE
	10:00 - 12:00	2.00	CSG	7	SET SLIPS, CAMERON ROUGH CUT CASING, SET @ 280K
	12:00 - 14:00	2.00	BOP	1	4 BOLT BOP TO L/D DRILL PIPE
	14:00 - 15:00	1.00	CSG	1	L/D & CHANGE OUT ELEVATORS & BAILS
	15:00 - 18:00	3.00	TRP	2	TRIP IN TO L/D DRILL PIPE, INSTALL ROTATING HEAD RUBBER
	18:00 - 20:00	2.00	TRP	3	R/U L/D MACHINE & LAY DOWN PIPE
	20:00 - 21:30	1.50	TRP	2	TRIP IN HOLE
	21:30 - 01:30	4.00	TRP	3	LAY DOWN DRILL PIPE, RIG DOWN L/D TRUCK
	01:30 - 06:00	4.50	BOP	1	N/D BOP
3/7/2007	06:00 - 07:00	1.00	BOP	1	FINISH NIPPLE DOWN STACK
	07:00 - 18:00	11.00	LOC	7	FINISH CLEANING PITS, LAY DOWN TESCO TOP DRIVE, INSTALL B SECTION & NITE CAP, LOADING OUT RENTALS
3/8/2007	06:00 - 18:00	12.00	LOC	4	CLEAN TANKS, RIG DOWN & LOAD OUT TOP DRIVE & RENTALS
3/9/2007	07:00 - 18:00	11.00	LOC	4	LOAD OUT RENTALS, INSPECTING DRILL PIPE
3/10/2007	07:00 - 18:00	11.00	LOC	4	INSPECTING DRILL PIPE 233 JTS.
3/11/2007	07:00 - 18:00	11.00	LOC	4	PREPARING TO MOVE, FINISH INSPECTING DRILL PIPE 349 JTS. 3 BENT JTS.
3/12/2007	08:00 - 18:00	10.00	LOC	4	LAY DERRICK DOWN, LOAD OUT 7 TRUCKS
4/1/2007	06:00 - 18:00	12.00	LOC	3	ENSGN 24-RIG DOWN AND MOVE CAMPS TO LOCATION/RIG UP SAME, HAUL TUBULARS IN, OTHER LOCATION 60% RIGGED DOWN AND 40% OFF

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Questar E & P
Operations Summary Report

Page 9 of 9

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: TRUE

Spud Date: 1/24/2007
Rig Release: 3/7/2007
Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/1/2007	06:00 - 18:00	12.00	LOC	3	LOCATION (BACK YARD IS MOVED OUT)/HARD BANDING BHA/HAVE 4 LOADS OF TUBULARS STILL ON OLD LOCATION.
4/2/2007	18:00 - 06:00	12.00	OTH	4	WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC		RIG DOWN DERRICK, SUB, MOTOR PACKAGE, 100% RIGGED DOWN AND 100% OFF OLD LOCATION, SET MATTING BOARDS AND BOTTOM SUB, ALL 6" BHA IS HARD BANDED, (RING GROOVE ON SINGLE GATE HAS STUD MARKINGS-FLARED OUT)/ MONITORING BACK SIDE-GAINING250 EVERY HALF HOUR AND BLEEDING IT OFF.
4/3/2007	18:00 - 06:00	12.00	OTH	4	WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC		SET IN SUBS, MOTOR PACKAGE, MUD TANKS, PUMPS, HOPPER HOUSE, PUT DERRICK TOGETHER, LIGHT PLANT, MUD CLEANING EQUIPMENT, BAR HOPPERS, PREMIX TANK 80% SET IN 25% RIGGED UP, BLEEDING PRESSURE OFF OF LAST WELL EVERY HALF HOUR UNTIL 1900-LETTING PRESSURE BUILD WHILE MONITORING.NOT TO EXCEED 5,000 PSI
4/4/2007	18:00 - 06:00	12.00	OTH	4	WAIT ON DAY LIGHT/ LETTING WELL BUILD UP PRESSURE
	06:00 - 18:00	12.00	LOC		GET DERRICK READY AND PUT ON FLOOR, PUT COMPOUND TOGETHER, SET IN GAS BUSTER LINES/EQUIPMENT, DIESEL TANKS, FIRE LIGHT PLANT, WELD HOLES IN MUD TANKS (BAD SHAPE), STRING CORDS, HOOKING UP LINES/PUMP SHED AND BACK YARD. STRING UP DERRICK (LOADED OUT 105 JT'S DRILL PIPE 4" XT 39 TO RIG 238)
4/5/2007	18:00 - 06:00	12.00	LOC	4	WAIT ON DAY LIGHT
	06:00 - 18:00	12.00	LOC	4	BROKE TOUR TODAY, INSPECT DERRICK TO RAISE AND RAISE DERRICK, RIG UP FLOOR TUGGER AND INSTAL HAND RAILS, UNBRIDLE, LAY DOWN PART OF TRACK THAT WAS BENT FROM LAST WELL,SET IN YELLOW DOG, FILL PITS WITH WATER, CHANGING OIL IN MUD PUMP, HOOK UP STAND PIPE, THERE WAS HANDS STANDING AROUND WATCHING OTHER HANDS ON A JOB THAT SHOULD ONLY TAKE TWO HANDS TO DO. GOT WITH PUSHER AND TOLD HIM THAT HE NEED TO SEPARATE HANDS, ONTO DIFFERENT TASK'S. SO HE STARTED SEPARATING THE HANDS AND PUTTING THEM ON DIFFERNT TASK'S.
		12.00	LOC	4	RIG UP WET SYSTEM ON BAR HOPPER'S,HOOK UP CHOKE LINE, KILL LINE, CHANGE SWABS,LINERS (SHORT TWO BE HERE THIS AM) RIG UP RETURN LINE ON GAS BUSTER, DRESS SHAKER'S, PUT CULVERT IN FOR MOUSE HOLE

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Questar E & P					Page 1 of 15
Operations Summary Report					
Well Name: GB 1M-4-8-22R				Spud Date: 1/24/2007	
Location: 4-8-S 22-E 26				Rig Release:	
Rig Name: ENSIGN				Rig Number: 24	
43-049-38990					
Date	From - To	Hours	Code	Sub Code	Description of Operations
1/24/2007	06:00 - 08:00	2.00	LOC	4	RIG DOWN TO SKID RIG FOR TRUCKS
	08:00 - 10:00	2.00			RIG UP CRAINE, TRUCKS TO PULL FRONT TWO MATS
	10:00 - 15:30	5.50	LOC	4	DIG CELLAR IN STALL RING
	15:30 - 17:00	1.50	LOC	4	SLID RIG 10' AHEAD W/ 4 TRUCKS, CRAINE , 2 D-8 CATS
	17:00 - 00:00	7.00	LOC	4	RIG BACK UP FRONT YARD
1/25/2007	00:00 - 06:00	6.00	TRP	1	PICK UP DP STAND IN DERRICK
	06:00 - 10:00	4.00	LOC	4	SET GAS BUSTER, CHOKE HOUSE IN W/ CRAIN, FLOW LINE
	10:00 - 12:00	2.00			TRYING TO SCREW IN TO BHA STANDING DERRICK
	12:00 - 13:00	1.00			KICK PUMPS IN FROZE IN TOP DRIVE
	13:00 - 16:00	3.00			STAND BHA BACK IN DERRICK TOP DRIVE BACK OUT DRILL PIPE IN TOP OF
1/26/2007					MONEL DC HAD TO GET SCREWED BACK IN MONEL DC
	16:00 - 17:00	1.00	RIG	5	UNTHAW TOP DRIVE IN UPPER KELLY COCK
	17:00 - 18:00	1.00	TRP	1	PICK UP BHA
	18:00 - 21:00	3.00	DRL	1	SPUD IN 17 1/2 HOLE @ 1800 1/24/2007 DRILLING F/21 TO 47'
	21:00 - 22:00	1.00	RIG	2	TIGHT UP STAND PIPE UNION
	22:00 - 02:30	4.50	DRL	1	DRILL F/ 47 TO 258
	02:30 - 05:00	2.50	TRP	2	LAY DOWN 6 DP, TO 2 STD 6 5/8 HWD
	05:00 - 06:00	1.00	REAM	1	WASH 90' TO BOTTOM
	06:00 - 06:30	0.50	SUR	1	SURVEY @ 261 1.2 DEG 54.0 AZ
	06:30 - 10:30	4.00	DRL	1	DRILL F/ 258 TO 350
	10:30 - 11:00	0.50			CLEAN OUT SUCTION&DISCHARGE LINE ON CELLAR PUMP
	11:00 - 11:30	0.50	DRL	1	DRILLING F/ 350 TO 374
	11:30 - 12:30	1.00	TRP	2	L/D 5 JTS. PIPE & RUN IN 6 5/8 HWD
	12:30 - 16:30	4.00	DRL	1	DRILLING F/374 TO 526'
	16:30 - 17:00	0.50	SUR	1	SURVEY @ 476' 1.7 DEG 39.4 AZ
1/27/2007	17:00 - 18:30	1.50	TRP	14	SHORT TRIP TO BIT(SLM BOARD 526.0 STRAP 528.33 NO CORR.)
	18:30 - 19:30	1.00	CIRC	1	CIRC. SWEEP AROUND RUN 13 3/8 CSG.
	19:30 - 22:00	2.50	TRP	2	TRIP OUT RUN 13 3/8 CASING, L/D IBS, SHOCK SUB
	22:00 - 00:00	2.00	CSG	1	RIG UP CASING CREW, CHANGE OUT BAILES ON TOP DRIVE
	00:00 - 03:00	3.00	CSG	2	RUN 12 JTS 13 5/8 CASING K-55 # 54.5 W/ WESTSTATE CASING
	03:00 - 04:00	1.00	CIRC	1	RIG UP CIRC 13 3/8 CSG.
	04:00 - 06:00	2.00	CMT	2	RIG CMT. HELD SAFTY MEETING CMT. 13 3/8 CSG
	06:00 - 07:00	1.00	CMT	2	CEMENT 13 3/8 CSG. W/ 500 SK. TYP 3 0.2 VERASET, 1% CALCIUM CHLORID, 0.125#/SK POLYFLACK #14.5 PPG.YIELD 1.40 RETRUNED 9.5 BBL TO PIT
					FLOAT HELD.PLUG DOWN @ 06:30 RIG DOWN CEMENTER
					WOC
1/28/2007	07:00 - 12:00	5.00	WOT	1	CUT OFF PIPE, CHIP CMT DOWN 1 FT. FOR BASE PLATE ON HEAD, WELD ON
	12:00 - 18:00	6.00	BOP	1	HEAD, TEST TO 1,000 PSI
	18:00 - 06:00	12.00	BOP	1	NIPPLE UP BOPS
	06:00 - 19:00	13.00	BOP	2	TEST BOPS,HAD RETIGHT ALL FLANGE, TESTED HYDRILL,WING VAVLES,
					UNTHAW HCR VALVE,TESTED HCR
1/29/2007	19:00 - 20:00	1.00	RIG	2	CHANGE OUT 4 1/2 PIPE RAMS, BLOCKS
	20:00 - 22:00	2.00	BOP	2	TEST UPPER KELLY,
	22:00 - 00:00	2.00	RIG	2	FLIP PIPE RAMS OVER
	00:00 - 01:00	1.00	BOP	2	CHANGE OUT TEST JT.UNTHAW TOP DRIVE
	01:00 - 02:00	1.00	BOP	2	RETEST PIPE RAMS,NO GOOD
	02:00 - 06:00	4.00	RIG	2	NIPPLE DOWN BOPS, WAIT ON NEW DOUBLE GATE FROM QUAIL OUT
					CASPER SHOULD BE HEAR @ 12:00 TO DAY
	06:00 - 17:00	11.00	WOT	4	NIPPE DOWN BOPS , WAIT ON DOUBLE GATE F/ QUAIL IN CASPER,
					UNTHAW KELLY HOSE,PUT KELLY HOSE EXT.PIPE ON TO KEEP HOSE OFF
					TOP DRIVE
	17:00 - 23:00	6.00	BOP	1	NIPPLE UP BOPS
	23:00 - 06:00	7.00	BOP	2	TEST BOPS PIPE RAMS, BLINDS, CHOKE MANFOILD, WING VALVE, HCR,

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Questar E & P
Operations Summary Report

Page 2 of 15

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/29/2007	23:00 - 06:00	7.00	BOP	2	CHECK VALVE UPPER, LOEWR KELLY VAVLE, LOW, 250 PSI 5MINS, HIGH 5,000 10 MIN, HY DRILL 250 LOW 5MIN. HIGH 2500 PSI 10 MINS. TEST CASING TO 1500 PSI FOR 30 MINS OK
1/30/2007	06:00 - 13:30	7.50	RIG	2	NIPPLE DOWN ROTATING HEAD ADD 14" TO SPOOL WAIT ON WELDER, REDUE SPOOL FOR ROTATING HEAD,INSTALL WEAR BUSHING, DRILL MOUSE HOLE,
	13:30 - 19:00	5.50	RIG	2	NIPPLE UP ROTATING HEAD, HOOK UP FLOW LINE
	19:00 - 20:30	1.50	BOP	1	PUT TRUN BUCKLES ON BOP , CENTER BOP UP TO ROTARY TABLE
	20:30 - 00:00	3.50	TRP	1	P/ UP BHA
	00:00 - 01:00	1.00	TRP	2	TRIP IN HOLE TAGED CMT AT 470'
	01:00 - 04:30	3.50	DRL	1	DRILLING CMT ,FLOAT COLLAR, SHOE, & 10' NEW HOLE
	04:30 - 05:30	1.00	EQT	2	RIG UP , FIT TEST TO 61 PSI = 10.5 MUD WT BLEAD OFF 10 PSI IN 5MINS TESTED W/ SINGLE JACK TESTING
1/31/2007	05:30 - 06:00	0.50	TRP	3	LAY DOWN SLICK JT . DP , UP SPIRAL HWDP
	06:00 - 09:30	3.50	DRL	1	DRILLING F/ 526 TO 720
	09:30 - 11:00	1.50	CIRC	1	CIRC WHILE WORKING ON PASON EQUIPT.
	11:00 - 12:30	1.50	DRL	1	DRILLING F/ 720 TO 812
	12:30 - 13:00	0.50	OTH		CIRC. WORK ON TOP DRIVE STALLING OUT W/ 10,000 WT
	13:00 - 13:30	0.50	DRL	1	DRILLING F/812 TO 830
	13:30 - 14:00	0.50	OTH		CIRC. WORK ON TOP DRIVE
	14:00 - 15:30	1.50	DRL	1	DRILLING F/ 830 TO 904
	15:30 - 16:00	0.50	RIG	1	RIG SER.
	16:00 - 17:30	1.50	DRL	1	DRILLING F/ 904 TO 953
	17:30 - 20:00	2.50	OTH		WORK ON TOP DRIVE FILLTER COLAPSED
	20:00 - 20:30	0.50	DRL	1	DRILL F/ 953 TO 1035
	20:30 - 21:30	1.00	SUR	1	SURVEY @ 1,000' 1.6 DEG 35.2 AZ
	21:30 - 01:00	3.50	DRL	1	DRILL F/ 1035 TO 1147'
	01:00 - 02:30	1.50	OTH		CIRCULATE AND WORK PIPE WHILE CHANGE OUT FLITERS ON TOP DRIVE 12 FILTERS ALL IN BAD CONDITION.
2/1/2007	02:30 - 06:00	3.50	DRL	1	DRILL F/ 1147' TO 1250
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 1250' TO 1483'
	13:00 - 15:30	2.50	RIG	2	WAITTING ON WELDER AND REPAIR STAND PIPE
	15:30 - 17:00	1.50	DRL	1	DRILLING FROM 1483' TO 1514'
	17:00 - 18:00	1.00	SUR	1	RAN WIRE LINE SURVEY AT 1444' 1.9 DEG. 37.30 AZI
	18:00 - 20:30	2.50	DRL	1	DRILLING FROM 1514' TO 1544'
	20:30 - 23:00	2.50	TRP	13	TRIP OUT OF HOLE TO CASING SHOE DUE TO MOTOR FAILURE ON TOP DRIVE
	23:00 - 03:00	4.00	RIG	2	CHANGE OUT TOP MOTOR ON TOP DRIVE, AND TESTED MOTOR
	03:00 - 04:30	1.50	TRP	13	TRIP IN HOLE TO 1079'
	04:30 - 06:00	1.50	REAM	1	WASH AND REAM FROM 1079' TO 1544'
2/2/2007	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 1544' TO 1734'
	13:00 - 15:30	2.50	OTH		REPAIR PASON
	15:30 - 20:30	5.00	RIG	2	WELDER REPAIR DISCHARGE LINE ON PUMP # 2
	20:30 - 22:00	1.50	DRL	1	DRILLING FROM 1734' TO 1796'
	22:00 - 23:00	1.00	CIRC	1	MADE CONNECTION HOLE PACKING OFF BENT TWO JOINTS PIPE CIRCULATED HI VIS SWEEP
	23:00 - 00:30	1.50	DRL	1	DRILLING FROM 1796' TO 1801'
	00:30 - 02:00	1.50	RIG	2	REPAIR MUD PUMP CHANGE SWAB #1 PUMP
	02:00 - 06:00	4.00	DRL	1	DRILLING FROM TO 1801' TO 1920'
2/3/2007	06:00 - 11:00	5.00	DRL	1	DRILLING FROM 1900' TO 2017'
	11:00 - 11:30	0.50	RIG	1	SERVISE RIGRIG SERVICE
	11:30 - 12:00	0.50	OTH		INSTALL ROTATING HEAD
	12:00 - 22:00	10.00	DRL	1	DRILLING FROM 2017' TO 2203'

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Questar E & P
Operations Summary Report

Page 3 of 15

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/3/2007	22:00 - 22:30	0.50	OTH		REPAIR TOP DRIVE
	22:30 - 23:00	0.50	SUR	1	WIRE LINE SURVEY AT 2133' 1.7 DEG. 36.2 AZM
	23:00 - 06:00	7.00	DRL	1	DRILLING FROM 2203' TO 2275'
2/4/2007	06:00 - 08:30	2.50	DRL	1	DRILLING FROM 2275' TO 2309'
	08:30 - 09:00	0.50	CIRC	1	PUMP SWEEPS AND CIRCULATE
	09:00 - 12:30	3.50	TRP	10	TRIP OUT OF HOLE FOR BIT
	12:30 - 14:30	2.00	TRP	10	CHANGE OUT BIT AND TRIP IN HOLE TO SHOE
	14:30 - 15:00	0.50	RIG	1	SERVICE TOP DRIVE
	15:00 - 15:30	0.50	TRP	10	TRIP IN HOLE HIT BRIDGE AT 873'
	15:30 - 23:00	7.50	REAM	1	WASH AND REAM FROM 873' TO 2164 EXCESSIVE AMOUNTS OF PEE GRAVEL COMING BACK ACROSS SHALE SHAKERS, RAISING WT AND VIS
	23:00 - 00:00	1.00	RIG	2	CHANGE OUT KELLY SAVER SUB
	00:00 - 05:00	5.00	TRP	10	PACKED OFF WORKING TIGHT HOLE FROM 2164 BACK REAM UP TO
	05:00 - 06:00	1.00	CIRC	1	CIRC. AND RAISE WT TO 9.2, VIS TO 40, REAMING TO BOTTOM
2/5/2007	06:00 - 08:30	2.50	REAM	1	WASH AND REAM FROM 2197 TO 2314
	08:30 - 14:00	5.50	DRL	1	DRILLING FROM 2309 TO 2390
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	14:30 - 06:00	15.50	DRL	1	DRILLING FROM 2390 TO 2757
	06:00 -				NOTE: AFTER RAISING VIS AND WT, TORQUE WENT AWAY
2/6/2007	06:00 - 09:30	3.50	DRL	1	DRILLING FROM 2757 TO 2832
	09:30 - 10:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	10:00 - 12:30	2.50	DRL	1	DRILLING FROM 2832 TO 2895
	12:30 - 13:00	0.50	RIG	2	RIG REPAIR, FILL # 2 PUMP MOTOR WITH ANTIFREEZE
	13:00 - 06:00	17.00	DRL	1	DRILLING FROM 2895 TO 3230
2/7/2007	06:00 - 07:00	1.00	DRL	1	DRILLING FROM 3230 TO 3275
	07:00 - 07:30	0.50	RIG	2	RIG REPAIR DAY TANK ON # 2 PUMP RAN OUT OF FUEL
	07:30 - 10:30	3.00	DRL	1	DRILLING FROM 3275 TO 3339
	10:30 - 11:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	11:00 - 00:30	13.50	DRL	1	DRILLING FROM 3339 TO 3593
	00:30 - 01:30	1.00	RIG	2	RIG REPAIR # 2 PUMP, REPLACED VALVE & SEAT IN SUCTION
	01:30 - 06:00	4.50	DRL	1	DRILLING FROM 3593 TO 3664
2/8/2007	06:00 - 10:30	4.50	DRL	1	DRILLING FROM 3664 TO 3750
	10:30 - 11:30	1.00	RIG	2	CHANGE OUT MIDDLE DISCHARGE VALVE AND SEAT # 1 PUMP
	11:30 - 17:00	5.50	DRL	1	DRILLING FROM 3750 TO 3847
	17:00 - 18:00	1.00	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	18:00 - 19:00	1.00	DRL	1	DRILLING FROM 3847 TO 3870
	19:00 - 21:00	2.00	TRP	13	PRESSURE LOSS, BIT QUIT DRILLING, LOOKING FOR PRESSURE LOSS
	21:00 - 22:00	1.00	TRP	13	WENT THROUGH BOTH PUMPS
	22:00 - 22:30	0.50	TRP	13	MIX UP PILL
	22:30 - 23:00	0.50	TRP	13	DROP SURVEY
	23:00 - 01:30	2.50	TRP	13	PUMP PILL
	01:30 - 06:00	4.50	TRP	13	TRIP OUT FOR MOTOR
	06:00 -				TWO 2" HOSES BLEW INTO BETWEEN TOP DRIVE UNIT AND 1/4 WAY UP
	06:00 - 12:30	6.50	OTH		DERRICK, WHILE BREAKING OUT SAVER SUB TO PULL OUT HWDP
2/9/2007	12:30 - 13:30	1.00	TRP	13	NOTE: HAD 6 TH MAN CHANGE LINERS IN #1 PUMP TO 5 1/2
	13:30 - 15:00	1.50	OTH		WORKING ON TESCO TOP DRIVE, REPLACING 2" HOSES, PROBLEMS W/
	15:00 - 18:00	3.00	TRP	1	BACK PRESSURE ON GRABBER
	18:00 - 23:00	5.00	TRP	13	TRIP OUT TO SHOE
					WORKING ON BACKPRESSURE ON GRABBER, REPLACE CHECK VALVE
					TRIP OUT , CHANGE OUT BIT AND MOTOR, CLOSE AND OPEN BLINDS, PIPES
					AND HYDRIL
					TRIP IN TO 1100', HIT BRIDGE, COULD NOT CIRCULATE THROUGH STRING

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Page 4 of 15

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/9/2007	23:00 - 02:00	3.00	TRP	13	TRIP OUT TO MOTOR,
	02:00 - 04:00	2.00	TRP	13	FLOAT BROKE, CLEAN JUNK OUT OF MOTOR
	04:00 - 05:30	1.50	TRP	2	TRIP IN WITH MOTOR AND IBS, CIRCULATE THROUGH BHA, GOOD
2/10/2007	05:30 - 06:00	0.50	TRP	2	TRIP IN WITH BHA
	06:00 - 07:00	1.00	TRP	2	TRIP INTO 1100
	07:00 - 07:30	0.50	OTH		INSTALL TRIP SLEEVE IN ROTATING HEAD
	07:30 - 16:00	8.50	REAM	1	WASH AND REAM FROM 1100' TO 3183
	16:00 - 17:00	1.00	OTH		INSTALL ROTATING HEAD RUBBER,
	17:00 - 18:00	1.00	REAM	1	HOLE PACKED OFF LOST CIRC. BACK REAM FROM 3207 UP TO 3200' NO CIRCULATION
	18:00 - 22:00	4.00	CIRC	2	LOST CIRC. PACKED OFF, BACK REAM FROM 3207 TO 3179, GOT RETURNS
	22:00 - 01:00	3.00	CIRC	1	CIRCULATE AND CONDITION MUD
	01:00 - 02:00	1.00	TRP	2	TRIP IN HOLE TO 3780
	02:00 - 04:00	2.00	REAM	1	WASH AND REAM FROM 3780 TO 3860
2/11/2007	04:00 - 05:00	1.00	RIG	2	RIG REPAIR, GO THROUGH # 2 PUMP CLEAN OUT ROCKS
	05:00 - 05:30	0.50	REAM	1	WASH AND REAM FROM 3860 TO 3870
	05:30 - 06:00	0.50	DRL	1	DRILLING FROM 3870 TO 3875
	06:00 - 08:00	2.00	DRL	1	DRILLING FROM 3875' TO 3927'
	08:00 - 09:30	1.50	RIG	2	REPAIR MUD PUMP # 2
	09:30 - 21:30	12.00	DRL	1	DRILLING FROM 3927' TO 4164'
	21:30 - 22:00	0.50	RIG	2	CHANGE OUT TWO SHAKER SCREEN ON ONE ON EACH SHAKER
	22:00 - 06:00	8.00	DRL	1	DRILLING FROM 4164' TO 4280, AT 4242' HOLE STARTED TAKING MUD AVERAGE 65 BBL / HR. ADDED 20 SKS NEW CARB, 20 SKS MICA, 20 SKS DYNA FIBER, AND 20 SKS ASH PHALT IN 1 HOUR 15MIN LOSSES WERE DOWN TO 12 BBLS / HOUR
	06:00 - 09:00	3.00	DRL	1	DRILLING FROM 4292' TO 4326'
	09:00 - 05:00	20.00	RIG	2	CIRCULATE AND CONDITION WHILE ATTEMPT TO REPAIRING # 2 MUD PUMP DISCHARGE, REPAIRS FAILED CHANGED OUT DISCHARGE MODULE
2/13/2007	05:00 - 06:00	1.00	DRL	1	DRILLING FROM 4326' TO 4340'
	06:00 - 11:00	5.00	DRL	1	DRILLING FROM 4340' TO 4379'
	11:00 - 12:00	1.00	SUR	1	DROP SURVEY AT 4309' 1.5 DEG 61.20 AZI
	12:00 - 19:30	7.50	TRP	10	TRIP OUT OF HOLE DUE TO PENETRATION RATE
	19:30 - 22:00	2.50	OTH		PULLED WEAR BUSHING TO CHECK WEAR, DRILL PIPE RIDING ON SIDE OF BOPS SLIGHT WEAR ON WEAR BUSHING RE RAN WEAR BUSHING
2/14/2007	22:00 - 02:30	4.50	TRP	10	MADE UP BIT # 5 SMITH MX9539 AND TRIP IN HOLE (1.5 HOURS TO LATCH ONTO STAND OF 8" DRILL COLLARS)
	02:30 - 04:00	1.50	RIG	6	SLIPPED AND CUT DRILL LINE
	04:00 - 06:00	2.00	OTH		ADJUST TOP DRIVE TRACK AND ALINE BOPS WITH ROTARY TABLE
	06:00 - 09:00	3.00	TRP	10	TRIP IN HOLE TO 4300
	09:00 - 10:30	1.50	REAM	1	SAFETY WASH 79' TO BOTTOM 20' OF FILL
	10:30 - 14:30	4.00	DRL	1	DRILLING FROM 4379 TO 4416
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	15:00 - 17:00	2.00	DRL	1	DRILLING FROM 4416 TO 4431
	17:00 - 18:00	1.00	RIG	2	RIG REPAIR, REPLACE SUCTION VALVE AND SEAT IN # 1 PUMP
	18:00 - 01:30	7.50	DRL	1	DRILLING FROM 4431 TO 4478
2/15/2007	01:30 - 05:00	3.50	RIG	2	RIG REPAIR # 1 PUMP SUCTION VALVE AND SEAT, BULL WHEEL SIDE, ALSO CHANGED VALVE IN DISCHARGE MIDDLE
	05:00 - 06:00	1.00	DRL	1	DRILLING FROM 4478 TO 4487
	06:00 - 10:30	4.50	DRL	1	DRILLING/ 4487 TO 4500
	10:30 - 13:00	2.50	RIG	2	CHANGE OUT VALVE, SEAT IN # 2PUMP CENTER POT
	13:00 - 13:30	0.50	RIG	1	RIG SER
	13:30 - 14:00	0.50	DRL	1	DRILL F/ 4500 TO 4520

Printed: 5/2/2007 9:14:30 AM

Questar E & P
Operations Summary Report

Page 5 of 15

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/15/2007	14:00 - 15:00	1.00	CIRC	1	CIRC, MIX, PUMP SWEEP LMC (LOST 120 BBL. MUD)
	15:00 - 18:00	3.00	DRL	1	DRILL F/ 4520 TO 4584
	18:00 - 23:00	5.00	DRL	1	DRILL F/4584 TO 4619
	23:00 - 00:00	1.00	RIG	2	GO THRU #2 MUD PUMP, CHANGE OUT VALVES ON SUCTION AND DISCHARGE
	00:00 - 03:00	3.00	DRL	1	DRILL F/4619 TO 4641
2/16/2007	03:00 - 03:30	0.50	RIG	2	WORK ON #2 PUMP, CHANGE OUT VALVES IN MIDDLE SECTION
	03:30 - 06:00	2.50	DRL	1	DRILL F/4641 TO/
	06:00 - 10:00	4.00	DRL	1	DRILL F/ 4671' TO/ 4686' (LOST 100 BBLs MUD, DRAIN VALVE TO TRIP TANK WAS LEFT OPEN)
2/17/2007	10:00 - 13:00	3.00	REAM	1	REAMING, WORK TORQUE OUT
	13:00 - 16:00	3.00	CIRC	1	CIRCULATE & CONDITION MUD, MIX & PUMP DRY JOB
	16:00 - 18:30	2.50	TRP	10	T.O.O.H TO HWDP, SLM 4685'
	18:30 - 03:30	9.00	ISP	1	INSPECT BHA & LAY DOWN 4 JTS OF 4 1/2" HWDP
	03:30 - 06:00	2.50	TRP	1	LAY DOWN MOTOR, SHOCK TOOL, IBS STABILIZER, BIT
	06:00 - 07:00	1.00	TRP	1	LAY DOWN STABILIZER & MUD MOTOR
	07:00 - 08:00	1.00	TRP	1	TRIP IN, PICK UP & REPLACE 4 JTS 4 1/2 HWDP, JARS
	08:00 - 12:00	4.00	TRP	2	TIH
	12:00 - 14:00	2.00	REAM	1	WASH & REAM F/3254', T/3515'
	14:00 - 15:00	1.00	TRP	2	TIH
	15:00 - 15:30	0.50	REAM	1	WASH & REAM F/4602 T/ 4685
	15:30 - 16:00	0.50	DRL	1	DRILL F/ 4685 T/ 4688
	16:00 - 16:30	0.50	CIRC	1	CONDITION & CIRC, PUMP SWEEP
	16:30 - 17:30	1.00	DRL	1	DRILL F/ 4688' T/ 4701
	17:30 - 18:00	0.50	SUR	1	DEVIATION SURVEY @ 4610' (1.2 DEVIATION)
2/18/2007	18:00 - 18:30	0.50	DRL	1	DRILL F/4701 T/ 4707
	18:30 - 19:00	0.50	CIRC	2	LOST CIRCULATION, 100 BBL LOSS
	19:00 - 06:00	11.00	CIRC	1	WORK TIGHT SPOT, CIRC & COND MUD, JARING TIGHT HOLE @ 4693', 14FT OFF BOTTOM
	06:00 - 14:00	8.00	FISH	3	JARING ON STUCK PIPE @ 4693 UP TO 4672
	14:00 - 21:30	7.50	FISH	4	RIG UP WEATHFORD WIRE LINE TRUCK TO FREE POINT
2/19/2007	21:30 - 05:00	7.50	FISH	5	SPOT 300 LBS FRACK SAND IN MUD MOTOR DID NOT WORK SPOTED 300LBS SAND AGAIN STILL DID NOT WORK
	05:00 - 06:00	1.00	FISH	3	JARING ON STUCK PIPE W/ ON STEEL BALL TO LOCK UP MOTOR SO WE CAN BACK OFF
	06:00 - 12:00	6.00	FISH	3	JARING ON STUCK PIPE, CAME FREE
	12:00 - 13:00	1.00	TRP	2	TRIP OUT 2 STANDS
	13:00 - 14:30	1.50	CIRC	1	CIRCULATE, MIX & PUMP PILL, L/D FREE POINT CREW
2/20/2007	14:30 - 18:00	3.50	TRP	2	T.O.O.H, L/D DRILLING JARS
	18:00 - 20:00	2.00	TRP	2	T.O.O.H
	20:00 - 22:00	2.00	TRP	1	L/D SHOCK SUB, MOTOR, PDC BIT, MONEL
	22:00 - 23:00	1.00	RIG	1	WORK ON TOP DRIVE
	23:00 - 00:00	1.00	TRP	1	P/U JUNK BASKET, MILL TOOTH BIT
	00:00 - 06:00	6.00	TRP	2	TRIP IN HOLE
	06:00 - 07:00	1.00	REAM	1	WASH 90' TO BOTTM 4617 TO 4707
	07:00 - 07:30	0.50	FISH	5	WORK JUNK SUB ON BOTTOM PICK UP BALL, NUTS
	07:30 - 08:00	0.50	DRL	1	DRILLING F/ 4707 TO 4718
	08:00 - 08:30	0.50	CIRC	1	CIRC, MIX & PUMP PILL
2/20/2007	08:30 - 12:00	3.50	TRP	2	TRIP OUT HOLE W/ JUNK SUB (CLOSED BLIND RAMS, WORKED PIPE RAMS)
	12:00 - 12:30	0.50	FISH	5	CLEAN OUT JUNK SUB (RECOVERED 176 STEEL BALL, 76 1/4, 1/2 NUTS)
	12:30 - 15:00	2.50	TRP	1	L/D BIT SUB, P/U MUD MOTOR, MONEL DC.
	15:00 - 18:30	3.50	TRP	2	TRIP IN HOLE
	18:30 - 19:00	0.50	REAM	1	WASH & REAM 30' TO BOTTOM, F/4688' T/ 4718'

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Operations Summary Report

Page 6 of 15

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/20/2007	19:00 - 21:30	2.50	DRL	1	DRILL F/ 4718' T/4780'
	21:30 - 22:30	1.00	RIG	2	WORK ON #1 MUD PUMP, CHANGE SWAB
	22:30 - 00:00	1.50	DRL	1	DRILL F/4780' T/4812'
	00:00 - 01:00	1.00	RIG	2	WORK ON #1 MUD PUMP, CHANGE ANOTHER SWAB
	01:00 - 01:30	0.50	DRL	1	DRILL F/4812' T/4831'
	01:30 - 02:00	0.50	RIG	2	COOL #2 MUD PUMP
	02:00 - 06:00	4.00	DRL	1	DRILL F/4831' T/4913'
2/21/2007	06:00 - 14:30	8.50	DRL	1	DRILL F/4913' T/5045'
	14:30 - 15:00	0.50	RIG	2	RIG REPAIR, WORK ON #1 MUD PUMP, CHANGE 1 DISCHARGE & 2 SUCTION VALVES
	15:00 - 16:30	1.50	DRL	1	DRILL F/ 5045' T/5065'
	16:30 - 17:00	0.50	RIG	1	SERVICE RIG
	17:00 - 19:00	2.00	DRL	1	DRILL F/5065' T/5071'
	19:00 - 19:30	0.50	RIG	2	RIG REPAIR, COOL DOWN #1 MUD PUMP MOTOR
	19:30 - 21:00	1.50	DRL	1	DRILL F/5071' T/ 5078', MW 9.7, 47 VIS,
2/22/2007	21:00 - 22:30	1.50	CIRC	1	CIRC & COND MUD, FILL TRIP TANK, MIX & PUMP PILL, DROP SURVEY
	22:30 - 04:00	5.50	TRP	10	P.O.O.H, TRIP OUT FOR BIT
	04:00 - 06:00	2.00	TRP	1	L/D & P/U MOTOR & BIT
	06:00 - 07:00	1.00	TRP	1	P/U BHA
	07:00 - 08:30	1.50	TRP	10	TRIP IN HOLE TO SHOE
	08:30 - 10:00	1.50	RIG	6	CUT DRILLING LINE
	10:00 - 13:00	3.00	TRP	10	TRIP IN HOLE
2/23/2007	13:00 - 14:00	1.00	REAM	1	WASH TO 30' TO BOTTOM (BLOW BOTTOM OFF GOOD BEFOR DRLG.) NO FILL
	14:00 - 15:00	1.00	DRL	1	DRILLING F/ 5078 TO 5165 (HELD BOP DRILL 2 MIN.)
	15:00 - 15:30	0.50	RIG	1	RIG SER. & SER. TOP DRIVE, (WORK PIPE RAMS)
	15:30 - 00:30	9.00	DRL	1	DRILLING F/ 5165 TO 5258
	00:30 - 02:00	1.50	RIG	2	RIG REPAIR, WORK ON # RIG PUMP, CHANGE
	02:00 - 04:00	2.00	DRL	1	DRILLING F/5258' T/5323
	04:00 - 04:30	0.50	RIG	2	RIG REPAIR, 1 SUCTION VALVE ON #2 PUMP
2/24/2007	04:30 - 06:00	1.50	DRL	1	DRILLING F/5323' T/5335
	06:00 - 10:30	4.50	DRL	1	DRILLING F/ 5335 TO 5428
	10:30 - 12:00	1.50	RIG	2	TURNED FAN AROUND ON # 1 & # 2 PUMPS
	12:00 - 13:30	1.50	DRL	1	DRILLING F/ 5428 TO 5449
	13:30 - 15:00	1.50	RIG	2	CHANGE SWAB IN # 2 PUMP MIDDLE POT
	15:00 - 06:00	15.00	DRL	1	DRILL F/ 5449 TO 5570
	06:00 - 10:00	4.00	DRL	1	DRILLING F/ 5570 TO 5609
2/25/2007	10:00 - 10:30	0.50	RIG	1	RIG SER. , TOP DRIVE SER.
	10:30 - 11:30	1.00	RIG	2	CHANGE LINER , SWAB IN # 2 PUMP BILL WHEEL SIDE
	11:30 - 16:00	4.50	DRL	1	DRILLING F/ 5609 TO 5627
	16:00 - 16:30	0.50	CIRC	1	CIRC COND FOR TRIP
	16:30 - 17:00	0.50	SUR	1	SURVEY @ 5597 .5 DEG 157.6 AZ
	17:00 - 17:30	0.50	CIRC	1	PUMP PILL, BLOW KELLY OUT
	17:30 - 23:00	5.50	TRP	10	TRIP OUT FOR BIT # 9 (HAD TRIP BOP DRILL)
2/25/2007	23:00 - 00:00	1.00	TRP	1	CHANGE OUT BITS (CLOSED BLINDS RAMS, OPEN)
	00:00 - 06:00	6.00	TRP	10	TRIP IN HOLE
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE TAGED UP @4785 TITE
	07:00 - 12:00	5.00	CIRC	1	WORK TITE HOLE, LOST 130 BBLS MUD, RUN STAND IN 4813
	12:00 - 17:00	5.00	RIG	2	CHANGE PUMP ON TOP DRIVE
	17:00 - 17:30	0.50	TRP	10	TRIP IN HOLE
	17:30 - 18:00	0.50	REAM	1	WASH 60' TO BOTTOM
2/25/2007	18:00 - 19:00	1.00	DRL	1	DRILL F/5627 TO 5629
	19:00 - 20:30	1.50	RIG	2	WORK ON # 1PUMP SWAB, #1 CHAGER PUMP SWITCH DOWN

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Questar E & P
Operations Summary Report

Page 7 of 15

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/25/2007	20:30 - 21:00	0.50	DRL	1	DRILL F/ 5629 TO 5630
	21:00 - 23:00	2.00	RIG	2	CHANGE SEAT, #1 PUMP BULL WHEEL SIDE, CHANGE SWAB MIDDLE
	23:00 - 02:00	3.00	DRL	1	DRILL F/ 5630 TO 5649
	02:00 - 03:00	1.00	CIRC	2	LOST CIRC @ 5649 LOST 300 BBLS.
	03:00 - 04:30	1.50	TRP	2	TRIP OUT HOLE TIGHT @ 4810
	04:30 - 06:00	1.50	REAM	1	BACK REAMING F/ 48 10 TO 4809
2/26/2007	06:00 - 07:00	1.00	CIRC	2	LOST CIRC (150 BBLS)
	07:00 - 09:00	2.00	TRP	2	TRIP OUT 10 STAND COULDN'T CIRC TRIP TO 4750, BACK REAMING TO 4785
	09:00 - 10:30	1.50	TRP	2	TRIP BACK IN HOLE
	10:30 - 12:30	2.00	DRL	1	DRILL F/5649 TO 5670
	12:30 - 13:30	1.00	CIRC	1	WORK TIGHT HOLE @ 5670 ON CONN.
	13:30 - 23:00	9.50	DRL	1	DRILLING F/5670 TO 5732
	23:00 - 00:00	1.00	CIRC	1	WORK TIGHT HOLE @ 5732 TO 5642 (3 TIMES HOLE GOOD FREE)
	00:00 - 06:00	6.00	DRL	1	DRILLING 5732 TO (DRILL W/ NO FLUID LOST)
	06:00 -				
2/27/2007	06:00 - 09:00	3.00	DRL	1	DRILLING 5780 TO 5804
	09:00 - 15:00	6.00	REAM	1	BACK REAM, JARING UP THROW TIGHT HOLE @ 5803 TO 5700
	15:00 - 15:30	0.50	RIG	2	CHANGE OUT GRABBER DIES IN TOP DRIVE
	15:30 - 18:00	2.50	TRP	2	TRIP OUT HOLE TO 3127 TIGHT
	18:00 - 06:00	12.00	REAM	1	WORK TIGHT HOLE F/ 3127 TO 3072 (55')
2/28/2007	06:00 - 09:00	3.00	FISH	3	WORKING TIGHT HOLE JARING UP (3272 , 3464 PULLED 1 STD TIGHT AGAIN 3400 JARED OUT TO 3369
	09:00 - 14:00	5.00	TRP	2	TRIP OUT HOLE
	14:00 - 17:00	3.00	TRP	1	L/D BHA. BIT, MM, JARS, AND STAB
	17:00 - 22:00	5.00	TRP	1	TRIP IN HOLE, TIGHT HOLE AT 3257 WORKED PIPE
	22:00 - 02:00	4.00	CIRC	1	CIRCULATE AND RAISE MUD WEIGHT TO 9.7 AT 3077'
	02:00 - 03:00	1.00	TRP	1	LOST RETURNS PULLED 2 STANDS
	03:00 - 05:30	2.50	CIRC	1	PUMP 2 50 LCM PILL AND CIRC
	05:30 - 06:00	0.50	TRP	1	TIH.
3/1/2007	06:00 - 07:30	1.50	TRP	2	TRIP IN HOLE
	07:30 - 08:00	0.50	REAM	1	WASHING TO BOTTOM LOST CIRC.
	08:00 - 08:30	0.50	TRP	2	TRIP OUT 10 STD.
	08:30 - 10:00	1.50	CIRC	1	MIX UP LCM PILL, PUMP
	10:00 - 14:00	4.00	CIRC	2	CIRC, BUILD MUD VOLUME
	14:00 - 15:30	1.50	TRP	2	TOOH TO 3130' TIGHT HOLE FROM 3250' TO 3130'
	15:30 - 19:00	3.50	CIRC	2	CIRC GOOD RETURNS REAM THROUGH TIGHT SPOT, BUILD VOLUME
	19:00 - 21:00	2.00	TRP	2	TIH BROKE CIRC EVERY 5 STANDS
3/2/2007	21:00 - 06:00	9.00	DRL	1	DRILLING FROM 5804' TO 5889'
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 5889' TO 5895'
	13:00 - 14:00	1.00	CIRC	1	PUMP PILL, CHANGE PLAN GO BACK TO DRILLING
	14:00 - 15:30	1.50	DRL	1	DRILLING NO PROGRESS
	15:30 - 18:00	2.50	DRL	1	MADE AND PUMPED BIT UNBALLING PILL WHILE ATTEMPTING TO DRILL NO PROGRESS
	18:00 - 00:00	6.00	TRP	10	TOOH TIGHT HOLE AT 5800' BACK REAMED THROUGH TIGHT SPOT AND TOOH NO OTHER PROBLEMS
3/3/2007	00:00 - 06:00	6.00	TRP	10	M/U NEW BIT RIH FILLED PIPE EVERY 6 STANDS AFTER 3200 FOOT
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE BRAKE CIRC EVERY 5 STAND
	07:00 - 08:00	1.00	REAM	1	WASH AND REAM TO 5801'
	08:00 - 10:30	2.50	RIG	2	REPAIR MUD PUMPS # 1 CHANGED OUT SWAB AND SEAT # 2 PUMP CHANGED OUT SWAB
	10:30 - 11:00	0.50	REAM	1	WASH REAM FROM 5801' TO 5895'
	11:00 - 11:30	0.50	CIRC	1	PUMP 40 BBLS OF UNBALLING PILL
	11:30 - 12:00	0.50	DRL	1	DRILLING FROM 5895' TO 5901'

Printed: 5/2/2007 9:14:30 AM

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Questar E & P Operations Summary Report

Page 8 of 15

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/3/2007	12:00 - 12:30	0.50	RIG	2	REPAIR PUMP # 2 CHANGED SWAB
	12:30 - 03:30	15.00	DRL	1	DRILLING FROM 5901' TO 6014'
	03:30 - 04:00	0.50	RIG	2	REPAIR PUMP #2 CHANGED SWAB
3/4/2007	04:00 - 06:00	2.00	DRL	1	DRILL F/6014' T/ 6041'
	06:00 - 07:00	1.00	RIG	2	REPAIR MUD PUMP # 2 CHANGED SWAB AND VALVE
	07:00 - 08:30	1.50	DRL	1	DRILLING FROM 6041' TO 6067'
	08:30 - 09:30	1.00	REAM	1	TIGHT HOLE WORK PIPE WASHED AND REAMED TIGHT HOLE AT 6000'
	09:30 - 13:00	3.50	DRL	1	DRILLING FROM 6067' TO 6107'
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP
	14:00 - 18:30	4.50	TRP	14	SHORT TRIP INTO SHOE, SLM
	18:30 - 20:00	1.50	RIG	6	SLIP & CUT DRLG. LINE
	20:00 - 23:30	3.50	TRP	14	SHORT TRIP TO BOTTOM
	23:30 - 02:00	2.50	CIRC	1	CIRCULATE & CONDITION, MIX PILL FOR DRY JOB, FILL TRIP TANK
	02:00 - 02:30	0.50	SUR	1	DROP SURVEY TOOL, SURVEY @ 6068'
	02:30 - 03:00	0.50	TRP	2	TRIP OUT
3/5/2007	03:00 - 04:00	1.00	RIG	2	REPAIR TOP DRIVE HOSE
	04:00 - 06:00	2.00	TRP	2	TRIP OUT
	06:00 - 08:00	2.00	TRP	2	TOOH, TO RUN 9 5/8 CASING
	08:00 - 09:30	1.50	TRP	1	HELD SAFETY MEETING RIG UP LAY DOWN MACHINE
	09:30 - 12:30	3.00	TRP	1	LAYED DOWN 6 5/8 HWDP, 8 " DRILL COLLARS MONEL, AND MOTOR
					RETRIVED SURVEY DEPTH 6068 DEG. .9 AZI 149
	12:30 - 13:30	1.00	OTH		RETRIVED, WEAR BUSHING
	13:30 - 15:00	1.50	CSG	1	HELD SAFETY MEETING RIGGING UP CASING CREW, FILL UP TOOL, AND STABING BOARD
	15:00 - 03:00	12.00	CSG	2	RUN 140 JTS, 9 5/8 CASING 47#FT, HCP-110, LT&C
	03:00 - 03:30	0.50	CIRC	1	CIRCULATE & CONDITION, LOST CIRCULATION @ 3300', 55 STKS 194GPM, MW-9.8, VIS 43, 7% LCM
3/6/2007	03:30 - 04:30	1.00	CMT	1	R/U HALLIBURTON TO CEMENT, SAFETY MEETING
	04:30 - 06:00	1.50	CMT	2	CEMENTING 9 5/8 CASING
	06:00 - 09:30	3.50	CMT	2	CEMENTING
					LEAD- 842 SK, CBM- LIGHT, 10.5 PPG, YIELD 4.14, F/ 3000' T/5100'
					TAIL- 585 SK, 50- 50 POZ, 14.35 PPG, YIELD 1.25, F/5100' T/ 6100'
					BUMPED PLUG- @ 9AM 3-5-07, FLOAT HELD @ 3000PSI, RELEASED PRESSURE
	09:30 - 10:00	0.50	BOP	1	FINISH N/D BOP AND FLOW LINE
	10:00 - 12:00	2.00	CSG	7	SET SLIPS, CAMERON ROUGH CUT CASING, SET @ 280K
	12:00 - 14:00	2.00	BOP	1	4 BOLT BOP TO L/D DRILL PIPE
	14:00 - 15:00	1.00	CSG	1	L/D & CHANGE OUT ELEVATORS & BAILS
3/7/2007	15:00 - 18:00	3.00	TRP	2	TRIP IN TO L/D DRILL PIPE, INSTALL ROTATING HEAD RUBBER
	18:00 - 20:00	2.00	TRP	3	R/U L/D MACHINE & LAY DOWN PIPE
	20:00 - 21:30	1.50	TRP	2	TRIP IN HOLE
	21:30 - 01:30	4.00	TRP	3	LAY DOWN DRILL PIPE, RIG DOWN L/D TRUCK
	01:30 - 06:00	4.50	BOP	1	N/D BOP
	06:00 - 07:00	1.00	BOP	1	FINISH NIPPLE DOWN STACK
	07:00 - 18:00	11.00	LOC	7	FINISH CLEANING PITS, LAY DOWN TESCO TOP DRIVE, INSTALL B SECTION & NITE CAP, LOADING OUT RENTALS
					CLEAN TANKS, RIG DOWN & LOAD OUT TOP DRIVE & RENTALS
					LOAD OUT RENTALS, INSPECTING DRILL PIPE
					INSPECTING DRILL PIPE 233 JTS.
3/8/2007	06:00 - 18:00	12.00	LOC	4	PREPARING TO MOVE, FINISH INSPECTING DRILL PIPE 349 JTS. 3 BENT JTS.
3/9/2007	07:00 - 18:00	11.00	LOC	4	LAY DERRICK DOWN, LOAD OUT 7 TRUCKS
3/10/2007	07:00 - 18:00	11.00	LOC	4	ENSGN 24-RIG DOWN AND MOVE CAMPS TO LOCATION/RIG UP SAME,
3/11/2007	07:00 - 18:00	11.00	LOC	4	HAUL TUBULARS IN, OTHER LOCATION 60% RIGGED DOWN AND 40% OFF
3/12/2007	08:00 - 18:00	10.00	LOC	4	
4/1/2007	06:00 - 18:00	12.00	LOC	3	

Printed: 5/2/2007 9:14:30 AM

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/1/2007	06:00 - 18:00	12.00	LOC	3	LOCATION (BACK YARD IS MOVED OUT)/HARD BANDING BHA/HAVE 4 LOADS OF TUBULARS STILL ON OLD LOCATION.
4/2/2007	18:00 - 06:00	12.00	OTH	4	WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC		RIG DOWN DERRICK, SUB, MOTOR PACKAGE, 100% RIGGED DOWN AND 100% OFF OLD LOCATION, SET MATTING BOARDS AND BOTTOM SUB, ALL 6" BHA IS HARD BANDED, (RING GROOVE ON SINGLE GATE HAS STUD MARKINGS-FLARED OUT)/ MONITORING BACK SIDE-GAINING250 EVERY HALF HOUR AND BLEEDING IT OFF.
4/3/2007	18:00 - 06:00	12.00	OTH	4	WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC		SET IN SUBS, MOTOR PACKAGE, MUD TANKS, PUMPS, HOPPER HOUSE, PUT DERRICK TOGETHER, LIGHT PLANT, MUD CLEANING EQUIPMENT, BAR HOPPERS, PREMIX TANK 80% SET IN 25% RIGGED UP, BLEEDING PRESSURE OFF OF LAST WELL EVERY HALF HOUR UNTIL 1900-LETTING PRESSURE BUILD WHILE MONITORING.NOT TO EXCEED 5,000 PSI
4/4/2007	18:00 - 06:00	12.00	OTH	4	WAIT ON DAY LIGHT/ LETTING WELL BUILD UP PRESSURE
	06:00 - 18:00	12.00	LOC		GET DERRICK READY AND PUT ON FLOOR, PUT COMPOUND TOGETHER, SET IN GAS BUSTER LINES/EQUIPMENT, DIESEL TANKS, FIRE LIGHT PLANT, WELD HOLES IN MUD TANKS (BAD SHAPE), STRING CORDS, HOOKING UP LINES/PUMP SHED AND BACK YARD. STRING UP DERRICK (LOADED OUT 105 JT'S DRILL PIPE 4" XT 39 TO RIG 236)
4/5/2007	18:00 - 06:00	12.00	LOC	4	WAIT ON DAY LIGHT
	06:00 - 18:00	12.00	LOC	4	BROKE TOUR TODAY, INSPECT DERRICK TO RAISE AND RAISE DERRICK, RIG UP FLOOR TUGGER AND INSTAL HAND RAILS, UNBRIDLE, LAY DOWN PART OF TRACK THAT WAS BENT FROM LAST WELL,SET IN YELLOW DOG, FILL PITS WITH WATER, CHANGING OIL IN MUD PUMP, HOOK UP STAND PIPE, THERE WAS HANDS STANDING AROUND WATCHING OTHER HANDS ON A JOB THAT SHOULD ONLY TAKE TWO HANDS TO DO. GOT WITH PUSHER AND TOLD HIM THAT HE NEED TO SEPARATE HANDS, ONTO DIFFERENT TASK'S. SO HE STARTED SEPARATING THE HANDS AND PUTTING THEM ON DIFFERNT TASK'S.
4/6/2007	18:00 - 06:00	12.00	LOC	4	RIG UP WET SYSTEM ON BAR HOPPER'S,HOOK UP CHOKE LINE, KILL LINE, CHANGE SWABS,LINERS (SHORT TWO BE HERE THIS AM) RIG UP RETURN LINE ON GAS BUSTER, DRESS SHAKER'S, PUT CULVERT IN FOR MOUSE HOLE
	06:00 - 18:00	12.00	LOC	4	STACK ANNULAR, ROTATING HEAD, CHANGE LINERS/CHANGED PONY ROD SEAL'S IN #1 PUMP, PICK UP TOP DRIVE RAIL AND CENTER RAIL TIGHTEN TURN BUCKLES,INSTALL LANDING AROUND BOPE,PUT IN MOUSE HOLES-HAD PROBLEMS GETTING THE FRONT ONE IN BUT MANAGED TO,(NOTIFIED STONY WITH BLM THAT WE'LL BE TESTING IN THE NEXT 24HR.S), PICK UP SWIVEL, BIULT TROUGH ON BACK SIDE OF PITS TO DIVERT FLUID TO RESERVE PIT.
	18:00 - 06:00	12.00	LOC	4	PICK UP NEW TOP DRIVE (OLD ONE UP FOR SERVICE) HOOK UP TORQUE TUBE GUIDE (DON'T HAVE THE RIGHT CONNECTION BETWEEN SWIVEL AND TOP DRIVE (TOP DRIVE HAS NC 61 THREAD INSTEAD OF A 6 5/8 REG) RUN TOP DRIVE HOSES FIRE UP UNIT AND HOSES LEAKING EVERY WHERE IN NEW TOP DRIVE (NEW TOP DRIVE HAND FIRST TIME RIGGING UP BY HIM SELF-LITTLE LOST), FINALY FINISHED LINERS IN PUMPS, FLOW LINE OFF 5" (WELDER ON HIS WAY),
4/7/2007	06:00 - 09:00	3.00	LOC	4	CHANGED VALVE IN FLOW LINE, WELD FLOW LINE,LAY OUT AND MAKE UP FLARE LINES, WORK ON SMALL LEAK'S IN GUN LINES,READY TO PRESSURE TEST @ 900AM
	09:00 - 06:00	21.00	OTH		WORKING ON TOP DRIVE (NEW HAND THAT IT WAS HIS FIRST TIME RIGGING UP TOP DRIVE PRESSURED UP UNIT AND BLEW OIL ALL OVER

Questar E & P
Operations Summary Report

Page 10 of 15

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/7/2007	09:00 - 06:00	21.00	OTH		DIDN'T KNOW WHAT WAS WRONG, JOHN THE HAND THATS BEEN SITTING ON THIS RIG SHOWED UP TODAY AND SUPT. BILL AND ANOTHER HAND. THEY TESTED LINES AND FOUND CHECK VALVE BAD AND SEALS BLOWN IN TOP DRIVE, PULL MOTORS AND REPLACE SEALS
4/8/2007	06:00 - 10:00	4.00	OTH		WORK ON TOP DRIVE, FINISH PUTTING IN MOTOR AND TEST LINES AND OPERATIONS OF UNIT ALL WORKING CORRECTLY (TORQUE ALL CONNECTIONS)
	10:00 - 14:00	4.00	BOP	1	IPS TIGHTENED CONNECTIONS ON BOPE
	14:00 - 00:00	10.00	BOP	2	RIG UP AND PRESSURE TEST TOP DRIVE DOUBLE BALL VALVE DIDN'T TEST CHANGED DOUBLE BALL VALVE AND IT DIDN'T TEST, TEST THIRD VALVE TEST TIW, DART VALVE, BLIND, UPPER AND LOWER PIPES, CHOKE MANIFOLD AND HCR 10 MIN LOW 250 PSI HIGH 10,000 PSI ANNULAR 10 MIN LOW 250 PSI HIGH 5000 PSI, BLM WAS NOTIFIED BY MESSAGE ON PHONE (BLM WAS NOT PRESENT FOR TEST) WHILE TESTING MUDDING UP SURFACE SYSTEM
	00:00 - 05:00	5.00	RIG	2	CLEAN RIG FLOOR OF OIL AND REPLACE DRIVE CHAIN ON DRAWWORKS
	05:00 - 06:00	1.00	OTH		INSTALL WEAR BUSHING/ WHEN INSTALLING DRILLER TOLD MOTOR HAND TO MAKE SURE KOOMY LEVERS WHERE IN THE OPEN POSTION, BUT THE HCR, WHEN I DISCOVERED THE PROBLEM ALL KOOMY LEVERS WHERE IN THE OPEN POSTION BUT THE ANNULAR IT WAS SHUT
4/9/2007	06:00 - 07:00	1.00	OTH		INSTALL WEAR BUSHING, COULDN'T COME OUT OF THE HOLE WITH WEAR BUSHING, LOOK OVER EQUIPMENT AND HYDRILL WAS SHUT, DRILLER TOLD HAND TO OPEN EVERY THING BUT TO SHUT HCR VALVE, HE SHUT THE WRONG VALVE, I DISCUSSED WITH DRILLER AND HANDS NOT TO BE OPERATING FUNTIONS WHILE INSTALLING WEAR BUSHING.
	07:00 - 08:00	1.00	TRP	1	RIG UP LAY DOWN TRUCK, TO PICK UP DRILL PIPE
	08:00 - 08:30	0.50	RIG	2	REPLACE MAKE UP SIDE CABLE, BROKE WHEN MAKING UP BIT
	08:30 - 15:00	6.50	TRP	1	RIG UP LAY DOWN MACHINE AND PICK UP BHA AND 3260' OF 5" DRILL PIPE, TAGGED EARLY AT 4460' THAT IS 1539' ABOVE THE FLOAT SHOE
	15:00 - 16:00	1.00	CSG	1	RIG DOWN LAY DOWN TRUCK
	16:00 - 17:00	1.00	OTH		FILE UNION STARTER THREAD (IT CAME FROM THE REPAIR SHOP WITH OUT ANY PROTECTION ON IT) AND PICK UP KELLY HOSE AND PUT ON SWIVEL
	17:00 - 18:30	1.50	RIG	2	WORK ON AIR LINES BETWEEN MOTOR SHED'S/ SOME CROSSED LINES WHEN #3 MOTOR CLUTCH KICKS IN #2 PUMP COMES ON LINE/ WHEN KICK IN #2 PUMP ENGINE'S THOTTLE UP
	18:30 - 19:30	1.00	CIRC	1	FILL PIPE PRESSURED UP AND NO CIRCULATION
	19:30 - 22:00	2.50	TRP	2	TRIP OUT OF HOLE (WET)
	22:00 - 23:30	1.50	OTH		CLEAN RIG FLOOR AFTER WET TRIP AND DRIED MUD FROM DRILL PIPE PACK OFF ON TOP OF MUD MOTOR AND FIRST IBS, BREAK BIT AND CLEAN OUT PLUG JETS (PLUGGED WITH CEMENT)
	23:30 - 00:00	0.50	TRP	2	TRIP IN FIRST STAND AND STAND WITH X-OVER AND PUMP TO SEE IF MOTOR WAS CLEAN (MOTOR WAS GOOD)
	00:00 - 01:30	1.50	TRP	2	TRIP INTO HOLE TO DRILL OUT CEMENT, BREAK CIRC AFTER BHA
	01:30 - 02:00	0.50	OTH		CHANGE GRABBER DIES IN TOP DRIVE
	02:00 - 03:00	1.00	TRP	2	TRIP IN 3 ROWS
	03:00 - 04:00	1.00	OTH		INSTALL ROTATING HEAD RUBBER
	04:00 - 04:30	0.50	RIG	2	WORK ON SWIVEL PACKING (LEAKING HAD TO HAMMER UP)
	04:30 - 05:00	0.50	CIRC	1	BREAK CIRCULATION
	05:00 - 05:30	0.50	TRP	2	TRIP IN 3 STANDS
	05:30 - 06:00	0.50	REAM	1	WASHING AND REAMING CEMENT IN CASING FROM 4460 TO 4501
4/10/2007	06:00 - 10:00	4.00	REAM	1	DRILLING CEMENT FROM 4,501 TO 5251 (CEMENT WIPER PLUG WAS @4540) CEMENT COMING OVER SHAKERS CLUMPY 1/2-1" CHUNKS (HARD)

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Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/10/2007	10:00 - 11:00	1.00	RIG	1	RIG SERVICE GREASE TOP DRIVE AND DRAW TOOL, COMPOUND
	11:00 - 20:00	9.00	OTH		DRILL CEMENT FROM 5251 TO 6120 @ 5715 SANDY CEMENT STARTED
					COMING OVER SHAKERS (SOFT)
	20:00 - 20:30	0.50	CIRC	1	CIRCULATE HOLE CLEAN FOR FIT TEST
	20:30 - 21:00	0.50	OTH		PERFORM FIT WITH 8.8 MUD WT 850 PSI = EQUIV. 11.5 MUD WT WITH B & C
4/11/2007	21:00 - 01:00	4.00	DRL	1	QUICK TEST
	01:00 - 02:30	1.50	RIG	2	DRILLING FROM 6120 TO 6241 (ROP 30.25)
					WORK ON #1- ROD CLAMP AND #2 PUMP- COULDN'T GET TO PUMP AIRED
					UP/ WENT THROUGH PUMP TO SEE IF THERE WAS SOMING UNDER VALVE
					COULDN'T FIND ANYTHING
4/12/2007	02:30 - 06:00	3.50	DRL	1	DRILLING FROM 6241 TO 6295 (ROP 15.4)
	06:00 - 14:30	8.50	DRL	1	DRILL FROM 6295 TO 6474 (ROP 21' HR.) (10-15 WOB, 50 TABLE, PUMPING
					BIT UNBALLING SWEEP'S WHEN NEEDED AND TRICKLE NUT SHELL OVER
					SUCTION IN TANK, ALSO ON CONNECTIONS DROPPING SOAP STICKS AND
					SAPP/ SOFT GUMMY CLAY COMING OVER SHAKERS)
4/13/2007	14:30 - 15:30	1.00	RIG	1	SERVICE RIG
	15:30 - 06:00	14.50	DRL	1	DRILL FROM 6474 TO 6775 (ROP 20.75' HR)
	06:00 - 09:30	3.50	DRL	1	DRILLING FROM 6775 - 6850', 75', 21.42 FPH, 19K WOB, 92 RPM DOWN HOLE,
					50 RPM ON SURFACE. HELD STAND DOWN SAFETY MEETING ON 3
					ACCIDENTS ON QEP LOCATIONS.
4/14/2007	09:30 - 10:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION LOWER PIPE RAMS
	10:30 - 14:30	4.00	DRL	1	DRILL 6850' - 6945', 95', 23.75 FPH, 19K WOB, 92 RPM DH, 50 RPM ON
					SURFACE. PUMPING LCM & BIT BALLING SWEEPS AS NEEDED. CEMENTED
					BASE PLATE ON WELL HEAD W/ 5 YDS OF REDIMIX FROM PETE MARTIN.
	14:30 - 15:30	1.00	SUR	1	WIRELINE SURVEY @ 6874', 5 DEG. @ 147.4
4/15/2007	15:30 - 06:00	14.50	DRL	1	DRILL 6945' - 7351', 406', 28 FPH, WOB 15-20K, 92 RPM DOWN HOLE, 50 RPM
					ON SURFACE, STILL PUMPING LCM & BIT BALLING SWEEPS AS NEEDED.
					TOTAL LOSSES TODAY 200 BBL.
	06:00 - 12:00	6.00	DRL	1	DRILL 7351' - 7508', 157', 26.16 FPH, WOB 15-20K, 92 RPM DOWN HOLE, 50
					RPM ON MOTOR. SLIGHT BIT BALLING, NO NOTICEABLE LOSSES SO FAR
4/15/2007					TODAY.
	12:00 - 13:00	1.00	SUR	1	WIRELINE SURVEY @ 7438', 6 DEG. 202.
	13:00 - 16:30	3.50	DRL	1	DRILL 7508' - 7603', 95', 27.14 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE,
					91 DOWN HOLE.
	16:30 - 17:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE
4/15/2007	17:30 - 06:00	12.50	DRL	1	DRILL 7603' - 7905', 302', 24.16 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE,
					91 DOWN HOLE. TOTAL LOSSES TODAY 125 BBL. SLIGHT SEEPAGE HOLE IN
					GOOD CONDITION. ONLY SMALL SLOUGH & VERY LITTLE OF THAT.
	06:00 - 09:00	3.00	DRL	1	DRILL 7905' - 7983', 78', 26 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE & 91
					DOWN HOLE. MINIMAL SEEPAGE, NO INCREASE IN SLOUGH.
4/15/2007	09:00 - 10:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	10:00 - 15:00	5.00	DRL	1	DRILL 7983' - 8076', 93', 18.6 FPH, WOB 15-21K, RPM 50 ON SURFACE, 91
					DOWN HOLE. TOTAL LOSSES TO TRIP = 185 BBL, SEEPAGE & DUMPING
					SAND TRAPS.
	15:00 - 19:30	4.50	TRP	10	PUMP PILL & TOH W/ BIT #13.
4/15/2007	19:30 - 20:30	1.00	TRP	10	BREAK OFF BIT, PU NEW BIT, FUNCTION BLIND RAMS
	20:30 - 00:00	3.50	TRP	10	TIH W/ BIT #14, CHANGE OUT CORROSION RING. GOOD TRIP.
	00:00 - 00:30	0.50	REAM	1	W&R 90' TO BOTTOM, 10' OF FILL, LOST 30 BBL ON TRIP. 10 BBL OF IT WET
					PIPE.
	00:30 - 06:00	5.50	DRL	1	DRILL 8076' - 8280', 204', 37.09 FPH, WOB 11-15K, RPM 141, 50 ON SURFACE,
4/15/2007					91 DOWN HOLE. VERY SLIGHT SEEPAGE.
	06:00 - 10:30	4.50	DRL	1	DRILL 8280' - 8453', 173', 38.44 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE &
					91 DOWN HOLE, NO NOTICEABLE LOSSES AS OF YET. VERY LITTLE

Questar E & P
Operations Summary Report

Page 12 of 15

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/15/2007	06:00 - 10:30	4.50	DRL	1	SLOUGH.
	10:30 - 11:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE. FUNCTION LOWER PIPE RAMS.
	11:30 - 06:00	18.50	DRL	1	DRILL 8453' - 8818', 365', 19.72 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE, 91 DOWN HOLE. PUMPING BIT BALLING SWEEPS @ 1/2 - 1 HR INTERVALS SOME TIMES IT HELPS BUT ONLY FOR 3-4'. VERY SLIGHT SEEPAGE LAST 24 HRS.
4/16/2007	06:00 - 10:00	4.00	DRL	1	DRILL 8818' - 8932', 114', 28.5 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE, 91 DOWNHOLE. STILL PUMPING BIT BALLING SWEEPS @ 1/2 - 1 HR INTREVALS. SEEPAGE MINIMAL
	10:00 - 11:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION ANNULAR & CHECK CROWN-O-MATIC
	11:00 - 06:00	19.00	DRL	1	DRILL 8932' - 9511', 579', 30.47 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE INCREASED PUMPS TO 418 GPM. VERY SLIGHT SEEPAGE.
4/17/2007	06:00 - 09:30	3.50	DRL	1	DRILL 9511' - 9608', 97', 27.71 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE. BIT JUST KEEPS HANGING IN. SEEPAGE MINIMAL.
	09:30 - 10:00	0.50	RIG	2	CHANGE FILTER ON CHAIN OILER ON COMPOUND.
	10:00 - 12:30	2.50	DRL	1	DRILL 9608' - 9704', 96', 38.4 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE
	12:30 - 13:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, ADJUST BRAKES, ADD SAFETY CHAINS TO BALE EXTENSION, & FUNCTION LOWER PIPE RAMS.
	13:30 - 06:00	16.50	DRL	1	DRILL 9704' - 10200, 496', 30.06 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE. HOLE TAKING A LITTLE MORE FLUID THE LAST 3 HRS, ABOUT 10 BBL. PUMPED 10% LCM SWEEP, STILL PUMPING BIT BALLING SWEEP EVERY HALF HR SINCE 22:00. FIRST TIGHT CONN @ 10181' ABOUT 25K OVER. REAMED BACK THROUGH IT AND DIDN'T SEE IT.
4/18/2007	06:00 - 09:30	3.50	DRL	1	DRILL 10200' - 10342', 142', 40.6 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE, TRIPPING BIT ON HOURS ONLY.
	09:30 - 10:30	1.00	CIRC	1	CIRC BOTTOMS UP.
	10:30 - 11:00	0.50			DROP SURVEY @ 10362' .6 202, SAME AS LAST SURVEY. DRILLER CHECKED SURVEY. WHEN I CHECKED IT IT WAS 89.6 @ 68.9, POSSIBLE MIS-RUN. I THINK IT TOOK A SURVEY ON THE BENCH, BUT CAN'T TELL FOR SURE.
	11:00 - 18:00	7.00	TRP	10	PUMP PILL, TOH W/ BIT #14, PULL ROTATING HEAD RUBBER, BREAK OFF BIT, LD MUD MOTOR.
	18:00 - 19:00	1.00	TRP	10	PU NEW BIT # 15, NEW MOTOR, & TIH TO JARS. JARS HAD TOP SEAL OUT OF MANDREL, LD JARS. #1 4/17/07
	19:00 - 20:00	1.00	RIG	6	SLIP & CUT DRILLING LINE, 180'
	20:00 - 21:00	1.00	RIG	1	SERVICE RIG, TOP DRIVE, & FUNCTION ANNULAR
	21:00 - 22:00	1.00	WOT	5	WO, STRAP & PU JARS. #2 4/17/07
4/19/2007	22:00 - 03:30	5.50	TRP	10	TIH, BREAK CIRC AT BHA, & EA. 3 ROWS TO BOTTOM 1 STAND OFF BOTTOM TIGHT, PACKED OFF.
	03:30 - 05:00	1.50	FISH	6	WORK TIGHT HOLE, SET OFF JARS 3 TIMES EASY, FOUND FREE SPOT, BREAK CRC. BACK REAM OUT TO 10208'
	05:00 - 06:00	1.00	REAM	1	W&R 10208' - 10300'
	06:00 - 07:00	1.00	REAM	1	W&R 10300' - 10342, 36' OF FILL, LOTS OF PRESSURED SLOUGH BUT NOTHING LARGE.
	07:00 - 12:00	5.00	DRL	1	DRILL 10342' - 10541', 199', 39.8 FPH, WOB 15-20K, RPM 124, 65 ON SURFACE, 59 DOWN HOLE. NO NOTICABLE SEEPAGE TO THIS POINT. BOP DRILL.
4/20/2007	12:00 - 13:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION PIPE RAMS
	13:00 -		DRL	1	DRILL 10541' - 11060, 519', 30.52 FPH, WOB 15-20K, RPM 110, 50 ON SURFACE, 60 DOWN HOLE, NO NOTICEABLE SEEPAGE LAST 24 HRS. PUMPING BIT BALLING SWEEPS IN SLOW DRILLING SPOTS.
	06:00 - 10:30	4.50	DRL	1	DRILL 11060' - 11207', 147', 32.66 FPH, WOB 15 - 20K, RPM 110, 50 ON SURFACE, 60 DOWN HOLE, NO NOTICEABLE SEEPAGE TO THIS POINT.

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Questar E & P
Operations Summary Report

Page 13 of 15

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/20/2007	10:30 - 11:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION ANNULAR, ADJUST BRAKES.
	11:30 - 14:00	2.50	DRL	1	DRILL 10207' - 11301', 94', 37.6 FPH, WOB 15-20, RPM 100, 50 ON SURFACE, 60 DOWN HOLE, TOP DRIVE WILL NOT TURN OVER 50 RPM ON SURFACE. IT WILL TURN 70 OFF BOTTOM BUT FALLS TO 50 WHEN YOU PUT IT ON BOTTOM.
	14:00 - 18:00	4.00	RIG	8	REPLACE AIR VALVE & LINDE PUMP ON TOP DRIVE.
	18:00 - 05:00	11.00	DRL	1	DRILL 11301' - 11488', 187', 17 FPH, WOB 15-20K, RPM 120, 60 DOWN HOLE, 60 ON SURFACE. HOLE STARTED TAKING FLUID @ 11380', SHOW 11382' - 11400' 600u, 6637u, 3800u. TRIED TO GO THROUGH BUSTER BUT ROTATING HEAD LEAKING BAD.
	05:00 - 06:00	1.00	RIG	4	CHANGE OUT ROTATING HEAD, SEAL GONE WHEN WE PULLED HEAD, DON'T THINK ONE WAS INSTALLED AFTER LAST TRIP.
	06:00 - 09:00	3.00	DRL	1	DRILL 11488' - 11561', 73', 24.33 FPH, WOB 15-20K, RPM 119, 60 ON SURFACE, 59 DOWN HOLE. ROTATING HEAD LOCKED UP, WORE RUBBER OUT.
4/21/2007	09:00 - 10:00	1.00	RIG	4	CHANGE OUT ROTATING HEAD RUBBERS.
	10:00 - 13:00	3.00	DRL	1	DRILL 11561' - 11614', 53', 17.66 FPH, WOB 15-20K, RPM 119, 60 ON SURFACE, 59 DOWN HOLE. LOSSES SEEM TO BE SLOWING.
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE.
	14:00 - 00:30	10.50	DRL	1	DRILL 11614' - 11724 110', 10.47 FPH, WOB 20-25K, RPM 119, 60 ON SURFACE, 59 DOWN HOLE. LOSING ABOUT 2-4 BBL HR OF FLUID, RAISING MW TO CONTROL GAS, DRILLING FLARE 15-25', CONN FLARE 35'
	00:30 - 06:00	5.50	CIRC	1	DRILLING SLOWED TO 4 FPH, SHUT DOWN TO RAISE MW F/ BIT TRIP. BBG THROUGH BUSTER 1500 - 2500u MW 10.2, HEADED F/ 10.4. BYPASSED SHAKERS TO KEEP LCM IN SYSTEM.
	06:00 - 23:30	17.50	CIRC	1	C&C F/ BIT TRIP. MW HEADED F/ 10.2 - 10.8. GAS @ 10.8 IS STILL 725u THROUGH THE BUSTER, SPOTTED 160 BBL OF 12.2PPG MUD ON BOTTOM. ESTIMATE TOP OF PILL @ 9981'
4/22/2007	23:30 - 01:00	1.50	TRP	10	TOH 22 STANDS SLOW & WET. TO 9653', GAINED 8 BBL OF FLUID PULLING 22 STANDS.
	01:00 - 04:00	3.00	CIRC	1	CIRC BOTTOMS UP TO CLEAN UP GAS. GAS ON BUSTER 650u. MIXED PILL WHILE CIRC.
	04:00 - 06:00	2.00	CIRC	1	CHECK F/ FLOW, FLOWING 1/2" STREAM, RAISING MW TO 11.0 PPG.
	06:00 - 00:00	18.00	CIRC	1	C&C, RAISING MW F/ 10.8 - 11.8, HAD 11.7 COMMING BACK & LOST COMPLETE RETURNS @ 23:49 LCM 12%
	00:00 - 01:00	1.00	CIRC	2	MIXING LCM & MUD, LETTING MW DROP BACK TO 11.7 BRINGING LCM TO 15%
	01:00 - 06:00	5.00	CIRC	1	C&C, BUILD VOLUME, WT @ 11.7, LCM @ 20%, LOSSES @ 17 BPH, SEEM TO BE SLOWING A LITTLE, AROUND 7 BPH AS NEAR AS I CAN TELL AT THIS TIME.
4/24/2007	06:00 - 13:30	7.50	CIRC	1	C&C, MIXING MUD & BUILD VOLUME. CHECKED FLOW @ 08:00, NO FLOW. C&C BUILD PREMIX, GUN LINES PLUGGED OFF, & BAR HOPPER @ PREMIX PLUGGING @ 4X3" SAWGE. CHECKED F/ FLOW @ 11:15, FLOWING 1" STREAM & SURGING TO 4" -6" STREAM FIRST TIME WE HAVE SEEN THIS SURGING. TAKING PREMIX TO 12.2 PPG W/ 30% LCM.
	13:30 - 14:00	0.50	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION HCR VALVE, CHECK FLOW, NO FLOW. 11.8PPG MW.
	14:00 - 18:00	4.00	CIRC	1	C&C, BUILD PREMIX, 12.2 PPG MW, 30% LCM & SPOT F/ 9653' - 6745' CALCULATED OH.
	18:00 - 03:30	9.50	TRP	10	TOH TO 6107', PUMP TRIP PILL. CONTINUE W/ SLOW TOH, LD BIT & MOTOR. NO LOSSES ON TOH.
	03:30 - 06:00	2.50	TRP	10	PU HUNTING .22 MOTOR SN 6142 , DOG SUB, HTC 406Z BIT SN 7301750 BIT #16, & TIH SLOW

Questar E & P
Operations Summary Report

Page 14 of 15

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/25/2007	06:00 - 08:30	2.50	TRP	10	TIH SLOW,BREAK CIRC EVERY 3 ROWS TO SHOE
	08:30 - 09:00	0.50	TRP	10	CHANGE OUT ROTATING HEAD
	09:00 - 10:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP @ THE SHOE, GAS PEAKED @ 4899u, 10-15' FLARE.
	10:00 - 16:00	6.00	TRP	10	TIH CIRCULATING BOTTOMS UP EVERY ROW , BOTTOMS UP FLARE ON LAST ROW 40 '+' 44 BBL GAIN.
	16:00 - 17:00	1.00	REAM	1	W&R 470' TO BOTTOM, 36' OF FILL BOTTOMS UP FLARE 50', GAINED 55 BBL.
	17:00 - 18:00	1.00	CIRC	1	CIRC OUT GAS.
4/26/2007	18:00 - 06:00	12.00	DRL	1	DRILL 11724' - 11839', 115'. WOB 18-25K, RPM 142, 92 DOWN HOLE, 50 ON SURFACE NO LOSSES THIS MORNING. MW 12.0, LCM 25% STILL BY PASSING SHAKERS.
	06:00 - 12:30	6.50	DRL	1	DRILL 11839' - 11867', 28',4.3 FPH, WOB 25K, RPM 142, 92 DOWN HOLE, 50 ON SURFACE. PLAYED W/ RPM & WOB BUT THATS ALL WE COULD GET OUT OF THIS BIT.
	12:30 - 13:30	1.00	SUR	1	DROP SURVEY @ 11797' (MISS RUN)
	13:30 - 14:30	1.00	CIRC	1	CIRC & FINISH MIXING TRIP PILL.
	14:30 - 18:00	3.50	TRP	10	TRIP OUT OF HOLE SLOW
	18:00 - 21:00	3.00	TRP	1	TRIP OUT OF HOLE
	21:00 - 21:30	0.50	TRP	1	CHANGE OUT BITS/ RETREIVE SURVEY/ FUNTION TEST BLINDS AND PIPE RAMS
	21:30 - 02:00	4.50	TRP	10	TRIP IN HOLE TO SHOE, FILL EVERY 3 ROWS, INSTALL ROT. RUBBER
	02:00 - 02:30	0.50	CIRC	1	CIRCULATE BOTTOMS UP @ SHOE 110 PEAK GAS
	02:30 - 05:30	3.00	TRP	10	TRIP IN HOLE FILL PIPE AND BREAK CIRCULATION 8785,10,794
	05:30 - 06:00	0.50	CIRC	1	CIRCULATE/ WASH @ 10,794
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE TO 11744
4/27/2007	07:00 - 08:00	1.00	REAM	1	WASH AND REAM FROM 11,744 TO 11,867 25 FT FILL
	08:00 - 13:00	5.00	DRL	1	DRILL FROM 11,867 TO 11,924 (ROP 11.4) (STARTED SHAKING OUT LCM SLOWLY OVER 1 SHAKER @ 10:30 am) MW 11.7/GAS 180 UNITS/ ON CONNECTION WORKED THROUGH TIGHT SPOT @ 11,890 UP TO 11,870
	13:00 - 14:00	1.00	RIG	1	RIG SERVICE (SERVICE TOP DRIVE, COMPOUND)
	14:00 - 18:00	4.00	DRL	1	DRILL FROM 11,924 TO 11,965 (ROP 10.25 FT HR)
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 11,965 TO 12,076 (ROP 9.25 FT HR) SLOWWED TO 4-5 FT HR FROM 11,975-12,003
	06:00 - 13:00	7.00	DRL	1	DRILL FROM 12,076 TO 12,209 (ROP 19 FT HR) SHAKING LCM OUT DOWN TO 8-10% WOB 10-15, DHRPM 142, STARTED SEEPING WHEN WT UP TO 11.7+,
4/28/2007	13:00 - 14:00	1.00	RIG	1	SERVICE RIG, TOP DRIVE, (REPLACE QUIK RELEASE ON #1 MOTOR CLUTCH)
	14:00 - 18:30	4.50	DRL	1	DRILL FROM 12,209 TO 12,256 (ROP 10.4 FT HR) HIT BLACK HAWK SAND TOOK KICK
	18:30 - 02:30	8.00	CIRC	1	CIRCULATE THROUGH CHOKE WEIGHTING UP MUD SLOWLY 1-2 POINTS A CIRCULATION NOT WANTING TO KNOCK THE BOTTOM OUT/ BRING UP LCM TO 20%-25%
	02:30 - 06:00	3.50	CIRC	2	STARTED LOSSING CIRCULATION WHEN MUD WEIGHT REACHED 12.3 PPG,SLOWWED PUMP DOWN AND PUMP HI LCM SWEEP,
	06:00 - 02:30	20.50	CIRC	2	FIGHT LOST CIRCULATION, PIPES SHUTIN AND GAS SOMETIMES OVER 3000 UNITS, PUMPING LCM SWEEPS EVERY HALF HOUR AND BRINGING MUD WEIGHT UP 1 POINT PER CIRCULATION WHILE GOING THROUGH CHOKE,
4/29/2007	02:30 - 06:00	3.50	DRL	1	DRILL FROM 12,256 TO 12,285 (ROP 8.25 FT HR) BRING WT UP TO CONTROL BACK GROUND GAS
	06:00 - 08:00	2.00	DRL	1	DRILL FROM 12,285 TO 12,303 (ROP 9 FT HR.) 2-3 BBL LOSS 25-28% LCM,
4/30/2007	08:00 - 09:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE, COMPOUND, BLOCKS
	09:00 - 06:00	21.00	DRL	1	DRILL FROM 12,303 TO 12,471' (ROP 8' FT. HR.) 2-3 BBL LOSS
5/1/2007	06:00 - 08:00	2.00	DRL	1	DRILL FROM 12,470 TO 12,490 (ROP 10' HR) MW 12.7/WOB 20-25/ DHRPM 130

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Questar E & P
Operations Summary Report

Page 15 of 15

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/1/2007	06:00 - 08:00	2.00	DRL	1	SHAKE LCM OUT TO 10% LCM IN SYSTEM
	08:00 - 21:00	13.00	RIG	2	REPAIR RIG/MASTER CLUTCH BOOT HAS HOLE IN IT, (NEW ONE COMING FROM CASPER AND TWO MECHANICS)
	21:00 - 06:00	9.00	DRL	1	DRILL FROM 12,490 TO 12,600 (ROP 12.2 HR) MW 12.7/WOB 20-25/DHRPM 130
5/2/2007	06:00 - 08:30	2.50	DRL	1	DRILL FROM 12,600 TO 12,612 (ROP 4.8 FT HR)
	08:30 - 10:30	2.00	CIRC	7	CIRCULATE BOTTOMS UP FOR SAMPLE/MUD LOGGER
	10:30 - 17:00	6.50	RIG	2	SHORT TRIP OUT 50 STANDS SLOW BECAUSE OF AIR ISSUES WITH MASTER CLUTCH (WHEN THEY THROTTLE UP ON DRAWWORKS ABOUT HALF THROTTLE IT KICKS OUT THE MASTER CLUCH), (TIGHT SPOTS WERE AT 12,225 TO 12,12,215 AND 11,960 TO 11,950 AND 11,925 TO 11,910) WORK UP AND DOWN THROUGH TIGHT SPOTS/ WHILE TRIPPING ALSO WAS TRYING TO WORK ON MASTER CLUTCH TO FIGURE OUT PROBLEM WITH IT.
	17:00 - 21:00	4.00	TRP	14	TRIP IN HOLE 50 STANDS BREAKING CIRCULATION EVERY 22 JT.S/ WASHED 25' OF SOFT FILL(MOTOR IS REAL WEAK)
	21:00 - 02:30	5.50	CIRC	1	CIRCULATE AND GET MUD PROPERIES INTO SHAPE(12.7+) BOTTOMS UP FLARE 25'-30'/PIT GAIN 86 BBL.S/ WITH ECD.S FLARE IS 2-3'
	02:30 - 03:30	1.00	CIRC	1	FLOW CHECK - OK - DROP SURVEY
	03:30 - 06:00	2.50	TRP	2	TRIP OUT OF HOLE TO RUN 7" LINER & STRAP OUT OF HOLE

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

5. Lease Serial No.

UTU-02510A

6. Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

WHITE RIVER UNIT

8. Well Name and No.

GB 1M-4-8-22R

9. API Well No.

43-047-38990

10. Field and Pool, or Exploratory Area

WHITE RIVER

11. County or Parish, State

UINTAH

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Questar Exploration & Production Company

Contact: Jan Nelson

3a. Address

1571 East 1700 South Vernal, Utah 84078

3b. Phone No. (include area code)

435-781-4032

3

1147' FNL 474' FWL, LOT 8, SECTION 4, T8S, R22E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☒ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

Other

TD CHANGE

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Questar Exploration & Production Company proposes to extend the TD to 17,075' to the Dakota formation. TD was permitted to 16,700'. Cement volumes will be adjusted accordingly.

Approved by the
Utah Division of
Oil, Gas and Mining

Date:

By:

05-21-07
5-21-07
RM

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Laura Bills

Title

Regulatory Affairs

Signature

Laura Bills

Date

May 17, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

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MAY 18 2007

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

Questar E & P						Page 1 of 23
Operations Summary Report						
Well Name: GB 1M-4-8-22R				Spud Date: 1/24/2007		
Location: 4-8-S 22-E 26				Rig Release:		
Rig Name: ENSIGN				Rig Number: 24		
43-047-38990						
Date	From - To	Hours	Code	Sub Code	Description of Operations	
1/24/2007	06:00 - 08:00	2.00	LOC	4	RIG DOWN TO SKID RIG FOR TRUCKS	
	08:00 - 10:00	2.00			RIG UP CRAINE, TRUCKS TO PULL FRONT TWO MATS	
	10:00 - 15:30	5.50	LOC	4	DIG CELLAR IN STALL RING	
	15:30 - 17:00	1.50	LOC	4	SLID RIG 10' AHEAD W/ 4 TRUCKS, CRAINE, 2 D-8 CATS	
	17:00 - 00:00	7.00	LOC	4	RIG BACK UP FRONT YARD	
	00:00 - 06:00	6.00	TRP	1	PICK UP DP STAND IN DERRICK	
1/25/2007	06:00 - 10:00	4.00	LOC	4	SET GAS BUSTER, CHOKE HOUSE IN W/ CRAIN, FLOW LINE	
	10:00 - 12:00	2.00			TRYING TO SCREW IN TO BHA STANDING DERRICK	
	12:00 - 13:00	1.00			KICK PUMPS IN FROZE IN TOP DRIVE	
	13:00 - 16:00	3.00			STAND BHA BACK IN DERRICK TOP DRIVE BACK OUT DRILL PIPE IN TOP OF	
					MONEL DC HAD TO GET SCREWED BACK IN MONEL DC	
	16:00 - 17:00	1.00	RIG	5	UNTHAW TOP DRIVE IN UPPER KELLY COCK	
	17:00 - 18:00	1.00	TRP	1	PICK UP BHA	
	18:00 - 21:00	3.00	DRL	1	SPUD IN 17 1/2 HOLE @ 1800 1/24/2007 DRILLING F/21 TO 47'	
	21:00 - 22:00	1.00	RIG	2	TIGHT UP STAND PIPE UNION	
	22:00 - 02:30	4.50	DRL	1	DRILL F/ 47 TO 258	
	02:30 - 05:00	2.50	TRP	2	LAY DOWN 6 DP, TO 2 STD 6 5/8 HWD	
	05:00 - 06:00	1.00	REAM	1	WASH 90' TO BOTTOM	
1/26/2007	06:00 - 06:30	0.50	SUR	1	SURVEY @ 261 1.2 DEG 54.0 AZ	
	06:30 - 10:30	4.00	DRL	1	DRILL F/ 258 TO 350	
	10:30 - 11:00	0.50			CLEAN OUT SUCTION&DISCHARGE LINE ON CELLAR PUMP	
	11:00 - 11:30	0.50	DRL	1	DRILLING F/ 350 TO 374	
	11:30 - 12:30	1.00	TRP	2	L/D 5 JTS. PIPE & RUN IN 6 5/8 HWD	
	12:30 - 16:30	4.00	DRL	1	DRILLING F/374 TO 526'	
	16:30 - 17:00	0.50	SUR	1	SURVEY @ 476' 1.7 DEG 39.4 AZ	
	17:00 - 18:30	1.50	TRP	14	SHORT TRIP TO BIT(SLM BOARD 526.0 STRAP 528.33 NO CORR.)	
	18:30 - 19:30	1.00	CIRC	1	CIRC. SWEEP AROUND RUN 13 3/8 CSG.	
	19:30 - 22:00	2.50	TRP	2	TRIP OUT RUN 13 3/8 CASING, L/D IBS, SHOCK SUB	
	22:00 - 00:00	2.00	CSG	1	RIG UP CASING CREW, CHANGE OUT BAILES ON TOP DRIVE	
	00:00 - 03:00	3.00	CSG	2	RUN 12 JTS 13 5/8 CASING K-55 # 54.5 W/ WESTSTATE CASING	
	03:00 - 04:00	1.00	CIRC	1	RIG UP CIRC 13 3/8 CSG.	
1/27/2007	04:00 - 06:00	2.00	CMT	2	RIG CMT. HELD SAFTY MEETING CMT. 13 3/8 CSG	
	06:00 - 07:00	1.00	CMT	2	CEMENT 13 3/8 CSG. W/ 500 SK. TYP 3 0.2 VERASET, 1% CALCIUM CHLORID, 0.125#/SK POLYFLACK #14.5 PPG.YIELD 1.40 RETRUNED 9.5 BBL TO PIT	
					FLOAT HELD.PLUG DOWN @ 06:30 RIG DOWN CEMENTER	
	07:00 - 12:00	5.00	WOT	1	WOC	
	12:00 - 18:00	6.00	BOP	1	CUT OFF PIPE, CHIP CMT DOWN 1 FT. FOR BASE PLATE ON HEAD, WELD ON HEAD, TEST TO 1,000 PSI	
1/28/2007	18:00 - 06:00	12.00	BOP	1	NIPPLE UP BOPS	
	06:00 - 19:00	13.00	BOP	2	TEST BOPS,HAD RETIGHT ALL FLANGE, TESTED HYDRILL,WING VAVLES, UNTHAW HCR VALVE,TESTED HCR	
	19:00 - 20:00	1.00	RIG	2	CHANGE OUT 4 1/2 PIPE RAMS, BLOCKS	
	20:00 - 22:00	2.00	BOP	2	TEST UPPER KELLY,	
	22:00 - 00:00	2.00	RIG	2	FLIP PIPE RAMS OVER	
	00:00 - 01:00	1.00	BOP	2	CHANGE OUT TEST JT.UNTHAW TOP DRIVE	
	01:00 - 02:00	1.00	BOP	2	RETEST PIPE RAMS,NO GOOD	
	02:00 - 06:00	4.00	RIG	2	NIPPLE DOWN BOPS,WAIT ON NEW DOUBLE GATE FROM QUAIL OUT	
1/29/2007	06:00 - 17:00	11.00	WOT	4	CASPER SHOULD BE HEAR @ 12:00 TO DAY	
					NIPPE DOWN BOPS , WAIT ON DOUBLE GATE F/ QUAIL IN CASPER,	
					UNTHAW KELLY HOSE,PUT KELLY HOSE EXT.PIPE ON TO KEEP HOSE OFF TOP DRIVE	
	17:00 - 23:00	6.00	BOP	1	NIPPLE UP BOPS	
	23:00 - 06:00	7.00	BOP	2	TEST BOPS PIPE RAMS, BLINDS, CHOKE MANFOILD, WING VALVE, HCR,	

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JUN 6 8 2007

DIV. OF OIL, GAS & MINING

Questar E & P
Operations Summary Report

Page 2 of 23

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/29/2007	23:00 - 06:00	7.00	BOP	2	CHECK VALVE UPPER, LOEWR KELLY VAVLE, LOW, 250 PSI 5MINS, HIGH 5,000 10 MIN, HY DRILL 250 LOW 5MIN. HIGH 2500 PSI 10 MINS. TEST CASING TO 1500 PSI FOR 30 MINS OK
1/30/2007	06:00 - 13:30	7.50	RIG	2	NIPPLE DOWN ROTATING HEAD ADD 14" TO SPOOL WAIT ON WELDER, REDUE SPOOL FOR ROTATING HEAD,INSTALL WEAR BUSHING, DRILL MOUSE HOLE,
	13:30 - 19:00	5.50	RIG	2	NIPPLE UP ROTATING HEAD, HOOK UP FLOW LINE
	19:00 - 20:30	1.50	BOP	1	PUT TRUN BUCKLES ON BOP , CENTER BOP UP TO ROTARY TABLE
	20:30 - 00:00	3.50	TRP	1	P/ UP BHA
	00:00 - 01:00	1.00	TRP	2	TRIP IN HOLE TAGED CMT AT 470'
	01:00 - 04:30	3.50	DRL	1	DRILLING CMT ,FLOAT COLLAR, SHOE, & 10' NEW HOLE
	04:30 - 05:30	1.00	EQT	2	RIG UP , FIT TEST TO 61 PSI = 10.5 MUD WT BLEAD OFF 10 PSI IN 5MINS TESTED W/ SINGLE JACK TESTING
1/31/2007	05:30 - 06:00	0.50	TRP	3	LAY DOWN SLICK JT . DP , UP SPIRAL HWDP
	06:00 - 09:30	3.50	DRL	1	DRILLING F/ 526 TO 720
	09:30 - 11:00	1.50	CIRC	1	CIRC WHILE WORKING ON PASON EQUIPT.
	11:00 - 12:30	1.50	DRL	1	DRILLING F/ 720 TO 812
	12:30 - 13:00	0.50	OTH		CIRC. WORK ON TOP DRIVE STALLING OUT W/ 10,000 WT
	13:00 - 13:30	0.50	DRL	1	DRILLING F/812 TO 830
	13:30 - 14:00	0.50	OTH		CIRC. WORK ON TOP DRIVE
	14:00 - 15:30	1.50	DRL	1	DRILLING F/ 830 TO 904
	15:30 - 16:00	0.50	RIG	1	RIG SER.
	16:00 - 17:30	1.50	DRL	1	DRILLING F/ 904 TO 953
	17:30 - 20:00	2.50	OTH		WORK ON TOP DRIVE FILLTER COLAPSED
	20:00 - 20:30	0.50	DRL	1	DRILL F/ 953 TO 1035
	20:30 - 21:30	1.00	SUR	1	SURVEY @ 1,000' 1.6 DEG 35.2 AZ
	21:30 - 01:00	3.50	DRL	1	DRILL F/ 1035 TO 1147'
	01:00 - 02:30	1.50	OTH		CIRCULATE AND WORK PIPE WHILE CHANGE OUT FLITERS ON TOP DRIVE 12 FILTERS ALL IN BAD CONDITION.
2/1/2007	02:30 - 06:00	3.50	DRL	1	DRILL F/ 1147' TO 1250
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 1250' TO 1483'
	13:00 - 15:30	2.50	RIG	2	WAITTING ON WELDER AND REPAIR STAND PIPE
	15:30 - 17:00	1.50	DRL	1	DRILLING FROM 1483' TO 1514'
	17:00 - 18:00	1.00	SUR	1	RAN WIRE LINE SURVEY AT 1444' 1.9 DEG. 37.30 AZI
	18:00 - 20:30	2.50	DRL	1	DRILLING FROM 1514' TO 1544'
	20:30 - 23:00	2.50	TRP	13	TRIP OUT OF HOLE TO CASING SHOE DUE TO MOTOR FAILURE ON TOP DRIVE
	23:00 - 03:00	4.00	RIG	2	CHANGE OUT TOP MOTOR ON TOP DRIVE, AND TESTED MOTOR
	03:00 - 04:30	1.50	TRP	13	TRIP IN HOLE TO 1079'
	04:30 - 06:00	1.50	REAM	1	WASH AND REAM FROM 1079' TO 1544'
2/2/2007	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 1544' TO 1734'
	13:00 - 15:30	2.50	OTH		REPAIR PASON
	15:30 - 20:30	5.00	RIG	2	WELDER REPAIR DISCHARGE LINE ON PUMP # 2
	20:30 - 22:00	1.50	DRL	1	DRILLING FROM 1734' TO 1796'
	22:00 - 23:00	1.00	CIRC	1	MADE CONNECTION HOLE PACKING OFF BENT TWO JOINTS PIPE CIRCULATED HI VIS SWEEP
	23:00 - 00:30	1.50	DRL	1	DRILLING FROM 1796' TO 1801'
	00:30 - 02:00	1.50	RIG	2	REPAIR MUD PUMP CHANGE SWAB #1 PUMP
	02:00 - 06:00	4.00	DRL	1	DRILLING FROM TO 1801' TO 1920'
2/3/2007	06:00 - 11:00	5.00	DRL	1	DRILLING FROM 1900' TO 2017'
	11:00 - 11:30	0.50	RIG	1	SERVICE RIGRIG SERVICE
	11:30 - 12:00	0.50	OTH		INSTALL ROTATING HEAD
	12:00 - 22:00	10.00	DRL	1	DRILLING FROM 2017' TO 2203'

Printed: 6/8/2007 2:24:13 PM

Questar E & P
Operations Summary Report

Page 3 of 23

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/3/2007	22:00 - 22:30	0.50	OTH		REPAIR TOP DRIVE
	22:30 - 23:00	0.50	SUR	1	WIRE LINE SURVEY AT 2133' 1.7 DEG. 36.2 AZM
	23:00 - 06:00	7.00	DRL	1	DRILLING FROM 2203' TO 2275'
2/4/2007	06:00 - 08:30	2.50	DRL	1	DRILLING FROM 2275' TO 2309'
	08:30 - 09:00	0.50	CIRC	1	PUMP SWEEPS AND CIRCULATE
	09:00 - 12:30	3.50	TRP	10	TRIP OUT OF HOLE FOR BIT
	12:30 - 14:30	2.00	TRP	10	CHANGE OUT BIT AND TRIP IN HOLE TO SHOE
	14:30 - 15:00	0.50	RIG	1	SERVICE TOP DRIVE
	15:00 - 15:30	0.50	TRP	10	TRIP IN HOLE HIT BRIDGE AT 873'
	15:30 - 23:00	7.50	REAM	1	WASH AND REAM FROM 873' TO 2164 EXCESSIVE AMOUNTS OF PEE GRAVEL COMING BACK ACROSS SHALE SHAKERS, RAISING WT AND VIS
	23:00 - 00:00	1.00	RIG	2	CHANGE OUT KELLY SAVER SUB
	00:00 - 05:00	5.00	TRP	10	PACKED OFF WORKING TIGHT HOLE FROM 2164 BACK REAM UP TO
	05:00 - 06:00	1.00	CIRC	1	CIRC. AND RAISE WT TO 9.2, VIS TO 40, REAMING TO BOTTOM
2/5/2007	06:00 - 08:30	2.50	REAM	1	WASH AND REAM FROM 2197 TO 2314
	08:30 - 14:00	5.50	DRL	1	DRILLING FROM 2309 TO 2390
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	14:30 - 06:00	15.50	DRL	1	DRILLING FROM 2390 TO 2757
	06:00 -				NOTE: AFTER RAISING VIS AND WT, TORQUE WENT AWAY
2/6/2007	06:00 - 09:30	3.50	DRL	1	DRILLING FROM 2757 TO 2832
	09:30 - 10:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	10:00 - 12:30	2.50	DRL	1	DRILLING FROM 2832 TO 2895
	12:30 - 13:00	0.50	RIG	2	RIG REPAIR, FILL # 2 PUMP MOTOR WITH ANTIFREEZE
	13:00 - 06:00	17.00	DRL	1	DRILLING FROM 2895 TO 3230
2/7/2007	06:00 - 07:00	1.00	DRL	1	DRILLING FROM 3230 TO 3275
	07:00 - 07:30	0.50	RIG	2	RIG REPAIR DAY TANK ON # 2 PUMP RAN OUT OF FUEL
	07:30 - 10:30	3.00	DRL	1	DRILLING FROM 3275 TO 3339
	10:30 - 11:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	11:00 - 00:30	13.50	DRL	1	DRILLING FROM 3339 TO 3593
	00:30 - 01:30	1.00	RIG	2	RIG REPAIR # 2 PUMP, REPLACED VALVE & SEAT IN SUCTION
	01:30 - 06:00	4.50	DRL	1	DRILLING FROM 3593 TO 3664
2/8/2007	06:00 - 10:30	4.50	DRL	1	DRILLING FROM 3664 TO 3750
	10:30 - 11:30	1.00	RIG	2	CHANGE OUT MIDDLE DISCHARGE VALVE AND SEAT # 1 PUMP
	11:30 - 17:00	5.50	DRL	1	DRILLING FROM 3750 TO 3847
	17:00 - 18:00	1.00	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	18:00 - 19:00	1.00	DRL	1	DRILLING FROM 3847 TO 3870
	19:00 - 21:00	2.00	TRP	13	PRESSURE LOSS, BIT QUIT DRILLING, LOOKING FOR PRESSURE LOSS WENT THROUGH BOTH PUMPS
	21:00 - 22:00	1.00	TRP	13	MIX UP PILL
	22:00 - 22:30	0.50	TRP	13	DROP SURVEY
	22:30 - 23:00	0.50	TRP	13	PUMP PILL
	23:00 - 01:30	2.50	TRP	13	TRIP OUT FOR MOTOR
	01:30 - 06:00	4.50	TRP	13	TWO 2" HOSES BLEW INTO BETWEEN TOP DRIVE UNIT AND 1/4 WAY UP DERRICK, WHILE BREAKING OUT SAVER SUB TO PULL OUT HWDP
2/9/2007	06:00 -				NOTE: HAD 6 TH MAN CHANGE LINERS IN #1 PUMP TO 5 1/2
	06:00 - 12:30	6.50	OTH		WORKING ON TESCO TOP DRIVE, REPLACING 2" HOSES, PROBLEMS W/ BACK PRESSURE ON GRABBER
	12:30 - 13:30	1.00	TRP	13	TRIP OUT TO SHOE
	13:30 - 15:00	1.50	OTH		WORKING ON BACKPRESSURE ON GRABBER, REPLACE CHECK VALVE
	15:00 - 18:00	3.00	TRP	1	TRIP OUT , CHANGE OUT BIT AND MOTOR, CLOSE AND OPEN BLINDS, PIPES AND HYDRIL
	18:00 - 23:00	5.00	TRP	13	TRIP IN TO 1100', HIT BRIDGE, COULD NOT CIRCULATE THROUGH STRING

Printed: 6/8/2007 2:24:13 PM

Questar E & P
Operations Summary Report

Page 4 of 23

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/9/2007	23:00 - 02:00	3.00	TRP	13	TRIP OUT TO MOTOR,
	02:00 - 04:00	2.00	TRP	13	FLOAT BROKE, CLEAN JUNK OUT OF MOTOR
	04:00 - 05:30	1.50	TRP	2	TRIP IN WITH MOTOR AND IBS, CIRCULATE THROUGH BHA, GOOD
2/10/2007	05:30 - 06:00	0.50	TRP	2	TRIP IN WITH BHA
	06:00 - 07:00	1.00	TRP	2	TRIP INTO 1100
	07:00 - 07:30	0.50	OTH		INSTALL TRIP SLEEVE IN ROTATING HEAD
	07:30 - 16:00	8.50	REAM	1	WASH AND REAM FROM 1100' TO 3183
	16:00 - 17:00	1.00	OTH		INSTALL ROTATING HEAD RUBBER,
	17:00 - 18:00	1.00	REAM	1	HOLE PACKED OFF LOST CIRC, BACK REAM FROM 3207 UP TO 3200' NO CIRCULATION
	18:00 - 22:00	4.00	CIRC	2	LOST CIRC, PACKED OFF, BACK REAM FROM 3207 TO 3179, GOT RETURNS
	22:00 - 01:00	3.00	CIRC	1	CIRCULATE AND CONDITION MUD
	01:00 - 02:00	1.00	TRP	2	TRIP IN HOLE TO 3780
	02:00 - 04:00	2.00	REAM	1	WASH AND REAM FROM 3780 TO 3860
2/11/2007	04:00 - 05:00	1.00	RIG	2	RIG REPAIR, GO THROUGH # 2 PUMP CLEAN OUT ROCKS
	05:00 - 05:30	0.50	REAM	1	WASH AND REAM FROM 3860 TO 3870
	05:30 - 06:00	0.50	DRL	1	DRILLING FROM 3870 TO 3875
	06:00 - 08:00	2.00	DRL	1	DRILLING FROM 3875' TO 3927'
	08:00 - 09:30	1.50	RIG	2	REPAIR MUD PUMP # 2
	09:30 - 21:30	12.00	DRL	1	DRILLING FROM 3927' TO 4164'
	21:30 - 22:00	0.50	RIG	2	CHANGE OUT TWO SHAKER SCREEN ON ONE ON EACH SHAKER
	22:00 - 06:00	8.00	DRL	1	DRILLING FROM 4164' TO 4280, AT 4242' HOLE STARTED TAKING MUD AVERAGE 65 BBL / HR. ADDED 20 SKS NEW CARB, 20 SKS MICA, 20 SKS DYNA FIBER, AND 20 SKS ASH PHALT IN 1 HOUR 15MIN LOSSES WERE DOWN TO 12 BBLs / HOUR
	06:00 - 09:00	3.00	DRL	1	DRILLING FROM 4292' TO 4326'
	09:00 - 05:00	20.00	RIG	2	CIRCULATE AND CONDITION WHILE ATTEMPT TO REPAIRING # 2 MUD PUMP DISCHARGE, REPAIRS FAILED CHANGED OUT DISCHARGE MODULE
2/12/2007	05:00 - 06:00	1.00	DRL	1	DRILLING FROM 4326' TO 4340'
	06:00 - 11:00	5.00	DRL	1	DRILLING FROM 4340' TO 4379'
	11:00 - 12:00	1.00	SUR	1	DROP SURVEY AT 4309' 1.5 DEG 61.20 AZI
	12:00 - 19:30	7.50	TRP	10	TRIP OUT OF HOLE DUE TO PENETRATION RATE
	19:30 - 22:00	2.50	OTH		PULLED WEAR BUSHING TO CHECK WEAR, DRILL PIPE RIDING ON SIDE OF BOPS SLIGHT WEAR ON WEAR BUSHING RE RAN WEAR BUSHING
2/13/2007	22:00 - 02:30	4.50	TRP	10	MADE UP BIT # 5 SMITH MX9539 AND TRIP IN HOLE (1.5 HOURS TO LATCH ONTO STAND OF 8" DRILL COLLARS)
	02:30 - 04:00	1.50	RIG	6	SLIPPED AND CUT DRILL LINE
	04:00 - 06:00	2.00	OTH		ADJUST TOP DRIVE TRACK AND ALINE BOPS WITH ROTARY TABLE
	06:00 - 09:00	3.00	TRP	10	TRIP IN HOLE TO 4300
	09:00 - 10:30	1.50	REAM	1	SAFETY WASH 79' TO BOTTOM 20' OF FILL
	10:30 - 14:30	4.00	DRL	1	DRILLING FROM 4379 TO 4416
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	15:00 - 17:00	2.00	DRL	1	DRILLING FROM 4416 TO 4431
	17:00 - 18:00	1.00	RIG	2	RIG REPAIR, REPLACE SUCTION VALVE AND SEAT IN # 1 PUMP
	18:00 - 01:30	7.50	DRL	1	DRILLING FROM 4431 TO 4478
2/14/2007	01:30 - 05:00	3.50	RIG	2	RIG REPAIR # 1 PUMP SUCTION VALVE AND SEAT, BULL WHEEL SIDE, ALSO CHANGED VALVE IN DISCHARGE MIDDLE
	05:00 - 06:00	1.00	DRL	1	DRILLING FROM 4478 TO 4487
	06:00 - 10:30	4.50	DRL	1	DRILLING/ 4487 TO 4500
	10:30 - 13:00	2.50	RIG	2	CHANGE OUT VALVE, SEAT IN # 2PUMP CENTER POT
	13:00 - 13:30	0.50	RIG	1	RIG SER
	13:30 - 14:00	0.50	DRL	1	DRILL F/ 4500 TO 4520

Printed: 6/8/2007 2:24:13 PM

Questar E & P
Operations Summary Report

Page 5 of 23

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/15/2007	14:00 - 15:00	1.00	CIRC	1	CIRC, MIX , PUMP SWEEP LMC (LOST 120 BBL. MUD)
	15:00 - 18:00	3.00	DRL	1	DRILL F/ 4520 TO 4584
	18:00 - 23:00	5.00	DRL	1	DRILL F/4584 TO 4619
	23:00 - 00:00	1.00	RIG	2	GO THRU #2 MUD PUMP, CHANGE OUT VALVES ON SUCTION AND DISCHARGE
	00:00 - 03:00	3.00	DRL	1	DRILL F/4619 TO 4641
2/16/2007	03:00 - 03:30	0.50	RIG	2	WORK ON #2 PUMP, CHANGE OUT VALVES IN MIDDLE SECTION
	03:30 - 06:00	2.50	DRL	1	DRILL F/4641 TO/
	06:00 - 10:00	4.00	DRL	1	DRILL F/ 4671' TO/ 4686' (LOST 100 BBLS MUD, DRAIN VALVE TO TRIP TANK WAS LEFT OPEN)
	10:00 - 13:00	3.00	REAM	1	REAMING, WORK TORQUE OUT
	13:00 - 16:00	3.00	CIRC	1	CIRCULATE & CONDITION MUD, MIX & PUMP DRY JOB
2/17/2007	16:00 - 18:30	2.50	TRP	10	T.O.O.H TO HWDP, SLM 4685'
	18:30 - 03:30	9.00	ISP	1	INSPECT BHA & LAY DOWN 4 JTS OF 4 1/2" HWDP
	03:30 - 06:00	2.50	TRP	1	LAY DOWN MOTOR, SHOCK TOOL, IBS STABILIZER, BIT
	06:00 - 07:00	1.00	TRP	1	LAY DOWN STABILIZER & MUD MOTOR
	07:00 - 08:00	1.00	TRP	1	TRIP IN, PICK UP & REPLACE 4 JTS 4 1/2 HWDP, JARS
	08:00 - 12:00	4.00	TRP	2	TIH
	12:00 - 14:00	2.00	REAM	1	WASH & REAM F/3254', T/3515'
	14:00 - 15:00	1.00	TRP	2	TIH
	15:00 - 15:30	0.50	REAM	1	WASH & REAM F/4602 T/ 4685
	15:30 - 16:00	0.50	DRL	1	DRILL F/ 4685 T/ 4688
	16:00 - 16:30	0.50	CIRC	1	CONDITION & CIRC, PUMP SWEEP
	16:30 - 17:30	1.00	DRL	1	DRILL F/ 4688' T/ 4701
	17:30 - 18:00	0.50	SUR	1	DEVIATION SURVEY @ 4610' (1.2 DEVIATION)
	18:00 - 18:30	0.50	DRL	1	DRILL F/4701 T/ 4707
	18:30 - 19:00	0.50	CIRC	2	LOST CIRCULATION, 100 BBL LOSS
2/18/2007	19:00 - 06:00	11.00	CIRC	1	WORK TIGHT SPOT, CIRC & COND MUD, JARING TIGHT HOLE @ 4693', 14FT OFF BOTTOM
	06:00 - 14:00	8.00	FISH	3	JARING ON STUCK PIPE @ 4693 UP TO 4672
	14:00 - 21:30	7.50	FISH	4	RIG UP WEATHFORD WIRE LINE TRUCK TO FREE POINT
	21:30 - 05:00	7.50	FISH	5	SPOT 300 LBS FRACK SAND IN MUD MOTOR DID NOT WORK SPOTED
	05:00 - 06:00	1.00	FISH	3	300LBS SAND AGAN STILL DID NOT WORK
2/19/2007	06:00 - 12:00	6.00	FISH	3	JARING ON STUCK PIPE W/ ON STEEL BALL TO LOCK UP MOTOR SO WE CAN BACK OFF
	12:00 - 13:00	1.00	TRP	2	JARING ON STUCK PIPE, CAME FREE
	13:00 - 14:30	1.50	CIRC	1	TRIP OUT 2 STANDS
	14:30 - 18:00	3.50	TRP	2	CIRCULATE, MIX & PUMP PILL, L/D FREE POINT CREW
	18:00 - 20:00	2.00	TRP	2	T.O.O.H, L/D DRILLING JARS
	20:00 - 22:00	2.00	TRP	1	T.O.O.H
	22:00 - 23:00	1.00	RIG	1	L/D SHOCK SUB, MOTOR, PDC BIT, MONEL
	23:00 - 00:00	1.00	TRP	1	WORK ON TOP DRIVE
	00:00 - 06:00	6.00	TRP	2	P/U JUNK BASKET, MILL TOOTH BIT
	06:00 - 07:00	1.00	REAM	1	TRIP IN HOLE
2/20/2007	07:00 - 07:30	0.50	FISH	5	WASH 90' TO BOTTM 4617 TO 4707
	07:30 - 08:00	0.50	DRL	1	WORK JUNK SUB ON BOTTOM PICK UP BALL , NUTS
	08:00 - 08:30	0.50	CIRC	1	DRILLING F/ 4707 TO 4718
	08:30 - 12:00	3.50	TRP	2	CIRC, MIX & PUMP PILL
	12:00 - 12:30	0.50	FISH	5	TRIP OUT HOLE W/ JUNK SUB (CLOSED BLIND RAMS, WORKED PIPE RAMS)
	12:30 - 15:00	2.50	TRP	1	CLEAN OUT JUNK SUB (RECOVERED 176 STEEL BALL, 76 1/4, 1/2 NUTS)
	15:00 - 18:30	3.50	TRP	2	L/D BIT SUB, P/U MUD MOTOR, MONEL DC.
	18:30 - 19:00	0.50	REAM	1	TRIP IN HOLE
					WASH & REAM 30' TO BOTTOM, F/4688' T/ 4718'

Printed: 6/8/2007 2:24:13 PM

Questar E & P
Operations Summary Report

Page 6 of 23

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/20/2007	19:00 - 21:30	2.50	DRL	1	DRILL F/ 4718' T/4780'
	21:30 - 22:30	1.00	RIG	2	WORK ON #1 MUD PUMP, CHANGE SWAB
	22:30 - 00:00	1.50	DRL	1	DRILL F/4780' T/4812'
	00:00 - 01:00	1.00	RIG	2	WORK ON #1 MUD PUMP, CHANGE ANOTHER SWAB
	01:00 - 01:30	0.50	DRL	1	DRILL F/4812' T/4831'
	01:30 - 02:00	0.50	RIG	2	COOL #2 MUD PUMP
	02:00 - 06:00	4.00	DRL	1	DRILL F/4831' T/4913'
2/21/2007	06:00 - 14:30	8.50	DRL	1	DRILL F/4913'- T/5045'
	14:30 - 15:00	0.50	RIG	2	RIG REPAIR, WORK ON #1 MUD PUMP, CHANGE 1 DISCHARGE & 2 SUCTION VALVES
	15:00 - 16:30	1.50	DRL	1	DRILL F/ 5045' T/5065'
	16:30 - 17:00	0.50	RIG	1	SERVICE RIG
	17:00 - 19:00	2.00	DRL	1	DRILL F/5065' T/5071'
	19:00 - 19:30	0.50	RIG	2	RIG REPAIR, COOL DOWN #1 MUD PUMP MOTOR
	19:30 - 21:00	1.50	DRL	1	DRILL F/5071' T/ 5078', MW 9.7, 47 VIS,
2/22/2007	21:00 - 22:30	1.50	CIRC	1	CIRC & COND MUD, FILL TRIP TANK, MIX & PUMP PILL, DROP SURVEY
	22:30 - 04:00	5.50	TRP	10	P.O.O.H, TRIP OUT FOR BIT
	04:00 - 06:00	2.00	TRP	1	L/D & P/U MOTOR & BIT
	06:00 - 07:00	1.00	TRP	1	P/U BHA
	07:00 - 08:30	1.50	TRP	10	TRIP IN HOLE TO SHOE
	08:30 - 10:00	1.50	RIG	6	CUT DRILLING LINE
	10:00 - 13:00	3.00	TRP	10	TRIP IN HOLE
2/23/2007	13:00 - 14:00	1.00	REAM	1	WASH TO 30 'TO BOTTOM (BLOW BOTTOM OFF GOOD BEFOR DRLG.) NO FILL
	14:00 - 15:00	1.00	DRL	1	DRILLING F/ 5078 TO 5165 (HELD BOP DRILL 2 MIN,)
	15:00 - 15:30	0.50	RIG	1	RIG SER. & SER. TOP DRIVE, (WORK PIPE RAMS)
	15:30 - 00:30	9.00	DRL	1	DRILLING F/ 5165 TO 5258
	00:30 - 02:00	1.50	RIG	2	RIG REPAIR, WORK ON # RIG PUMP, CHANGE
	02:00 - 04:00	2.00	DRL	1	DRILLING F/5258' T/5323
	04:00 - 04:30	0.50	RIG	2	RIG REPAIR, 1 SUCTION VALVE ON #2 PUMP
2/24/2007	04:30 - 06:00	1.50	DRL	1	DRILLING F/5323' T/5335
	06:00 - 10:30	4.50	DRL	1	DRILLING F/ 5335 TO 5428
	10:30 - 12:00	1.50	RIG	2	TURNED FAN AROUND ON # 1 & # 2 PUMPS
	12:00 - 13:30	1.50	DRL	1	DRILLING F/ 5428 TO 5449
	13:30 - 15:00	1.50	RIG	2	CHANGE SWAB IN # 2 PUMP MIDDLE POT
	15:00 - 06:00	15.00	DRL	1	DRILL F/ 5449 TO 5570
	06:00 - 10:00	4.00	DRL	1	DRILLING F/ 5570 TO 5609
2/25/2007	10:00 - 10:30	0.50	RIG	1	RIG SER. , TOP DRIVE SER.
	10:30 - 11:30	1.00	RIG	2	CHANGE LINER , SWAB IN # 2 PUMP BILL WHEEL SIDE
	11:30 - 16:00	4.50	DRL	1	DRILLING F/ 5609 TO 5627
	16:00 - 16:30	0.50	CIRC	1	CIRC COND FOR TRIP
	16:30 - 17:00	0.50	SUR	1	SURVEY @ 5597 .5 DEG 157.6 AZ
	17:00 - 17:30	0.50	CIRC	1	PUMP PILL, BLOW KELLY OUT
	17:30 - 23:00	5.50	TRP	10	TRIP OUT FOR BIT # 9 (HAD TRIP BOP DRILL)
2/25/2007	23:00 - 00:00	1.00	TRP	1	CHANGE OUT BITS (CLOSED BLINDS RAMS, OPEN)
	00:00 - 06:00	6.00	TRP	10	TRIP IN HOLE
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE TAGED UP @4785 TITE
	07:00 - 12:00	5.00	CIRC	1	WORK TITE HOLE, LOST 130 BBLs MUD, RUN STAND IN 4813
	12:00 - 17:00	5.00	RIG	2	CHANGE PUMP ON TOP DRIVE
	17:00 - 17:30	0.50	TRP	10	TRIP IN HOLE
	17:30 - 18:00	0.50	REAM	1	WASH 60 ' TO BOTTOM
2/25/2007	18:00 - 19:00	1.00	DRL	1	DRILL F/5627 TO 5629
	19:00 - 20:30	1.50	RIG	2	WORK ON # 1PUMP SWAB, #1 CHAGER PUMP SWITCH DOWN

Printed: 6/8/2007 2:24:13 PM

Questar E & P
Operations Summary Report

Page 7 of 23

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/25/2007	20:30 - 21:00	0.50	DRL	1	DRILL F/ 5629 TO 5630
	21:00 - 23:00	2.00	RIG	2	CHANGE SEAT,#1 PUMP BULL WHEEL SIDE,CHANGE SWAB MIDDLE
	23:00 - 02:00	3.00	DRL	1	DRILL F/ 5630 TO 5649
	02:00 - 03:00	1.00	CIRC	2	LOST CIRC @ 5649 LOST 300 BBLs.
	03:00 - 04:30	1.50	TRP	2	TRIP OUT HOLE TIGHT @ 4810
2/26/2007	04:30 - 06:00	1.50	REAM	1	BACK REAMING F/ 48 10 TO 4809
	06:00 - 07:00	1.00	CIRC	2	LOST CIRC (150 BBLs)
	07:00 - 09:00	2.00	TRP	2	TRIP OUT 10 STAND COULDN'T CIRC TRIP TO 4750, BACK REAMING TO 4785
	09:00 - 10:30	1.50	TRP	2	TRIP BACK IN HOLE
	10:30 - 12:30	2.00	DRL	1	DRILL F/5649 TO 5670
	12:30 - 13:30	1.00	CIRC	1	WORK TIGHT HOLE @ 5670 ON CONN.
	13:30 - 23:00	9.50	DRL	1	DRILLING F/5670 TO 5732
	23:00 - 00:00	1.00	CIRC	1	WORK TIGHT HOLE @ 5732 TO 5642 (3 TIMES HOLE GOOD FREE)
	00:00 - 06:00	6.00	DRL	1	DRILLING 5732 TO (DRILL W/ NO FLUID LOST)
	06:00 -				
2/27/2007	06:00 - 09:00	3.00	DRL	1	DRILLING 5780 TO 5804
	09:00 - 15:00	6.00	REAM	1	BACK REAM , JARING UP THROW TIGHT HOLE @ 5803 TO 5700
	15:00 - 15:30	0.50	RIG	2	CHANGE OUT GRABBER DIES IN TOP DRIVE
	15:30 - 18:00	2.50	TRP	2	TRIP OUT HOLE TO 3127 TIGHT
	18:00 - 06:00	12.00	REAM	1	WORK TIGHT HOLE F/ 3127 TO 3072 (55')
2/28/2007	06:00 - 09:00	3.00	FISH	3	WORKING TIGHT HOLE JARING UP (3272 , 3464 PULLED 1 STD TIGHT AGAIN 3400 JARED OUT TO 3369
	09:00 - 14:00	5.00	TRP	2	TRIP OUT HOLE
	14:00 - 17:00	3.00	TRP	1	L/D BHA, BIT, MM, JARS, AND STAB
	17:00 - 22:00	5.00	TRP	1	TRIP IN HOLE, TIGHT HOLE AT 3257' WORKED PIPE
	22:00 - 02:00	4.00	CIRC	1	CIRCULATE AND RAISE MUD WEIGHT TO 9.7 AT 3077'
3/1/2007	02:00 - 03:00	1.00	TRP	1	LOST RETURNS PULLED 2 STANDS
	03:00 - 05:30	2.50	CIRC	1	PUMP 2 50 LCM PILL AND CIRC
	05:30 - 06:00	0.50	TRP	1	TIH.
	06:00 - 07:30	1.50	TRP	2	TRIP IN HOLE
	07:30 - 08:00	0.50	REAM	1	WASHING TO BOTTOM LOST CIRC.
	08:00 - 08:30	0.50	TRP	2	TRIP OUT 10 STD.
	08:30 - 10:00	1.50	CIRC	1	MIX UP LCM PILL, PUMP
	10:00 - 14:00	4.00	CIRC	2	CIRC, BUILD MUD VOLUME
	14:00 - 15:30	1.50	TRP	2	TOOH TO 3130' TIGHT HOLE FROM 3250' TO 3130'
	15:30 - 19:00	3.50	CIRC	2	CIRC GOOD RETURNS REAM THROUGH TIGHT SPOT, BUILD VOLUME
3/2/2007	19:00 - 21:00	2.00	TRP	2	TIH BROKE CIRC EVERY 5 STANDS
	21:00 - 06:00	9.00	DRL	1	DRILLING FROM 5804' TO 5889'
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 5889' TO 5895'
	13:00 - 14:00	1.00	CIRC	1	PUMP PILL, CHANGE PLAN GO BACK TO DRILLING
	14:00 - 15:30	1.50	DRL	1	DRILLING NO PROGRESS
	15:30 - 18:00	2.50	DRL	1	MADE AND PUMPED BIT UNBALLING PILL WHILE ATTEMPTING TO DRILL NO PROGRESS
	18:00 - 00:00	6.00	TRP	10	TOOH TIGHT HOLE AT 5800' BACK REAMED THROUGH TIGHT SPOT AND TOOH NO OTHER PROBLEMS
3/3/2007	00:00 - 06:00	6.00	TRP	10	M/U NEW BIT RIH FILLEDPIPE EVERY 6 STANDS AFTER 3200 FOOT
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE BRAKE CIRC EVERY 5 STAND
	07:00 - 08:00	1.00	REAM	1	WASH AND REAM TO 5801'
	08:00 - 10:30	2.50	RIG	2	REPAIR MUD PUMPS # 1 CHANGED OUT SWAB AND SEAT # 2 PUMP CHANGED OUT SWAB
	10:30 - 11:00	0.50	REAM	1	WASH REAM FROM 5801' TO 5895'
	11:00 - 11:30	0.50	CIRC	1	PUMP 40 BBLs OF UNBALLING PILL
	11:30 - 12:00	0.50	DRL	1	DRILLING FROM 5895' TO 5901'

Printed: 6/6/2007 2:24:13 PM

Questar E & P
Operations Summary Report

Page 8 of 23

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/3/2007	12:00 - 12:30	0.50	RIG	2	REPAIR PUMP # 2 CHANGED SWAB
	12:30 - 03:30	15.00	DRL	1	DRILLING FROM 5901' TO 6014'
	03:30 - 04:00	0.50	RIG	2	REPAIR PUMP #2 CHANGED SWAB
	04:00 - 06:00	2.00	DRL	1	DRILL F/6014' T/ 6041'
3/4/2007	06:00 - 07:00	1.00	RIG	2	REPAIR MUD PUMP # 2 CHANGED SWAB AND VALVE
	07:00 - 08:30	1.50	DRL	1	DRILLING FROM 6041' TO 6067'
	08:30 - 09:30	1.00	REAM	1	TIGHT HOLE WORK PIPE WASHED AND REAMED TIGHT HOLE AT 6000'
	09:30 - 13:00	3.50	DRL	1	DRILLING FROM 6067' TO 6107'
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP
	14:00 - 18:30	4.50	TRP	14	SHORT TRIP INTO SHOE, SLM
	18:30 - 20:00	1.50	RIG	6	SLIP & CUT DRLG. LINE
	20:00 - 23:30	3.50	TRP	14	SHORT TRIP TO BOTTOM
	23:30 - 02:00	2.50	CIRC	1	CIRCULATE & CONDITION, MIX PILL FOR DRY JOB, FILL TRIP TANK
	02:00 - 02:30	0.50	SUR	1	DROP SURVEY TOOL, SURVEY @ 6068'
	02:30 - 03:00	0.50	TRP	2	TRIP OUT
	03:00 - 04:00	1.00	RIG	2	REPAIR TOP DRIVE HOSE
	04:00 - 06:00	2.00	TRP	2	TRIP OUT
3/5/2007	06:00 - 08:00	2.00	TRP	2	TOOH, TO RUN 9 5/8 CASING
	08:00 - 09:30	1.50	TRP	1	HELD SAFETY MEETING RIG UP LAY DOWN MACHINE
	09:30 - 12:30	3.00	TRP	1	LAYED DOWN 6 5/8 HWDP, 8 " DRILL COLLARS MONEL, AND MOTOR
					RETRIVED SURVEY DEPTH 6068 DEG. .9 AZI 149
	12:30 - 13:30	1.00	OTH		RETRIVED, WEAR BUSHING
	13:30 - 15:00	1.50	CSG	1	HELD SAFETY MEETING RIGGING UP CASING CREW, FILL UP TOOL, AND STABING BOARD
	15:00 - 03:00	12.00	CSG	2	RUN 140 JTS, 9 5/8 CASING 47#/FT, HCP-110, LT&C
	03:00 - 03:30	0.50	CIRC	1	CIRCULATE & CONDITION, LOST CIRCULATION @ 3300', 55 STKS 194GPM, MW-9.8, VIS 43, 7% LCM
	03:30 - 04:30	1.00	CMT	1	R/U HALLIBURTON TO CEMENT, SAFETY MEETING
3/6/2007	04:30 - 06:00	1.50	CMT	2	CEMENTING 9 5/8 CASING
	06:00 - 09:30	3.50	CMT	2	CEMENTING
					LEAD- 842 SK, CBM- LIGHT, 10.5 PPG, YIELD 4.14, F/ 3000' T/5100'
					TAIL- 585 SK, 50- 50 POZ, 14.35 PPG, YIELD 1.25, F/5100' T/ 6100'
					BUMPED PLUG- @ 9AM 3-5-07, FLOAT HELD @ 3000PSI, RELEASED PRESSURE
	09:30 - 10:00	0.50	BOP	1	FINISH N/D BOP AND FLOW LINE
	10:00 - 12:00	2.00	CSG	7	SET SLIPS, CAMERON ROUGH CUT CASING, SET @ 280K
	12:00 - 14:00	2.00	BOP	1	4 BOLT BOP TO L/D DRILL PIPE
	14:00 - 15:00	1.00	CSG	1	L/D & CHANGE OUT ELEVATORS & BAILS
	15:00 - 18:00	3.00	TRP	2	TRIP IN TO L/D DRILL PIPE, INSTALL ROTATING HEAD RUBBER
	18:00 - 20:00	2.00	TRP	3	R/U L/D MACHINE & LAY DOWN PIPE
	20:00 - 21:30	1.50	TRP	2	TRIP IN HOLE
	21:30 - 01:30	4.00	TRP	3	LAY DOWN DRILL PIPE, RIG DOWN L/D TRUCK
	01:30 - 06:00	4.50	BOP	1	N/D BOP
3/7/2007	06:00 - 07:00	1.00	BOP	1	FINISH NIPPLE DOWN STACK
	07:00 - 18:00	11.00	LOC	7	FINISH CLEANING PITS, LAY DOWN TESCO TOP DRIVE, INSTALL B SECTION & NITE CAP, LOADING OUT RENTALS
3/8/2007	06:00 - 18:00	12.00	LOC	4	CLEAN TANKS, RIG DOWN & LOAD OUT TOP DRIVE & RENTALS
3/9/2007	07:00 - 18:00	11.00	LOC	4	LOAD OUT RENTALS, INSPECTING DRILL PIPE
3/10/2007	07:00 - 18:00	11.00	LOC	4	INSPECTING DRILL PIPE 233 JTS.
3/11/2007	07:00 - 18:00	11.00	LOC	4	PREPARING TO MOVE, FINISH INSPECTING DRILL PIPE 349 JTS. 3 BENT JTS.
3/12/2007	08:00 - 18:00	10.00	LOC	4	LAY DERRICK DOWN, LOAD OUT 7 TRUCKS
4/1/2007	06:00 - 18:00	12.00	LOC	3	ENSGN 24-RIG DOWN AND MOVE CAMPS TO LOCATION/RIG UP SAME, HAUL TUBULARS IN, OTHER LOCATION 60% RIGGED DOWN AND 40% OFF

Printed: 6/8/2007 2:24:13 PM

Questar E & P
Operations Summary Report

Page 9 of 23

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/1/2007	06:00 - 18:00	12.00	LOC	3	LOCATION (BACK YARD IS MOVED OUT)/HARD BANDING BHA/HAVE 4 LOADS OF TUBULARS STILL ON OLD LOCATION.
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
4/2/2007	06:00 - 18:00	12.00	LOC	4	RIG DOWN DERRICK, SUB, MOTOR PACKAGE, 100% RIGGED DOWN AND 100% OFF OLD LOCATION, SET MATTING BOARDS AND BOTTOM SUB, ALL 6" BHA IS HARD BANDED, (RING GROOVE ON SINGLE GATE HAS STUD MARKINGS-FLARED OUT)/ MONITORING BACK SIDE-GAINING 250 EVERY HALF HOUR AND BLEEDING IT OFF.
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
4/3/2007	06:00 - 18:00	12.00	LOC	4	SET IN SUBS, MOTOR PACKAGE, MUD TANKS, PUMPS, HOPPER HOUSE, PUT DERRICK TOGETHER, LIGHT PLANT, MUD CLEANING EQUIPMENT, BAR HOPPERS, PREMIX TANK 80% SET IN 25% RIGGED UP, BLEEDING PRESSURE OFF OF LAST WELL EVERY HALF HOUR UNTIL 1900-LETTING PRESSURE BUILD WHILE MONITORING. NOT TO EXCEED 5,000 PSI
	18:00 - 06:00	12.00	OTH		WAIT ON DAY LIGHT/ LETTING WELL BUILD UP PRESSURE
4/4/2007	06:00 - 18:00	12.00	LOC	4	GET DERRICK READY AND PUT ON FLOOR, PUT COMPOUND TOGETHER, SET IN GAS BUSTER LINES/EQUIPMENT, DIESEL TANKS, FIRE LIGHT PLANT, WELD HOLES IN MUD TANKS (BAD SHAPE), STRING CORDS, HOOKING UP LINES/PUMP SHED AND BACK YARD. STRING UP DERRICK (LOADED OUT 105 JT'S DRILL PIPE 4" XT 39 TO RIG 236)
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAY LIGHT
4/5/2007	06:00 - 18:00	12.00	LOC	4	BROKE TOUR TODAY, INSPECT DERRICK TO RAISE AND RAISE DERRICK, RIG UP FLOOR TUGGER AND INSTAL HAND RAILS, UNBRIDLE, LAY DOWN PART OF TRACK THAT WAS BENT FROM LAST WELL, SET IN YELLOW DOG, FILL PITS WITH WATER, CHANGING OIL IN MUD PUMP, HOOK UP STAND PIPE, THERE WAS HANDS STANDING AROUND WATCHING OTHER HANDS ON A JOB THAT SHOULD ONLY TAKE TWO HANDS TO DO. GOT WITH PUSHER AND TOLD HIM THAT HE NEED TO SEPARATE HANDS, ONTO DIFFERENT TASK'S. SO HE STARTED SEPARATING THE HANDS AND PUTTING THEM ON DIFFERNT TASK'S.
	18:00 - 06:00	12.00	LOC	4	RIG UP WET SYSTEM ON BAR HOPPER'S, HOOK UP CHOKE LINE, KILL LINE, CHANGE SWABS, LINERS (SHORT TWO BE HERE THIS AM) RIG UP RETURN LINE ON GAS BUSTER, DRESS SHAKER'S, PUT CULVERT IN FOR MOUSE HOLE
4/6/2007	06:00 - 18:00	12.00	LOC	4	STACK ANNULAR, ROTATING HEAD, CHANGE LINERS/CHANGED PONY ROD SEAL'S IN #1 PUMP, PICK UP TOP DRIVE RAIL AND CENTER RAIL TIGHTEN TURN BUCKLES, INSTALL LANDING AROUND BOPE, PUT IN MOUSE HOLES-HAD PROBLEMS GETTING THE FRONT ONE IN BUT MANAGED TO, (NOTIFIED STONY WITH BLM THAT WE'LL BE TESTING IN THE NEXT 24HR.S), PICK UP SWIVEL, BIULT TROUGH ON BACK SIDE OF PITS TO DIVERT FLUID TO RESERVE PIT.
	18:00 - 06:00	12.00	LOC	4	PICK UP NEW TOP DRIVE (OLD ONE UP FOR SERVICE) HOOK UP TORQUE TUBE GUIDE (DON'T HAVE THE RIGHT CONNECTION BETWEEN SWIVEL AND TOP DRIVE (TOP DRIVE HAS NC 61 THREAD INSTEAD OF A 6 5/8 REG) RUN TOP DRIVE HOSES FIRE UP UNIT AND HOSES LEAKING EVERY WHERE IN NEW TOP DRIVE (NEW TOP DRIVE HAND FIRST TIME RIGGING UP BY HIM SELF-LITTLE LOST), FINALLY FINISHED LINERS IN PUMPS, FLOW LINE OFF 5" (WELDER ON HIS WAY),
4/7/2007	06:00 - 09:00	3.00	LOC	4	CHANGED VALVE IN FLOW LINE, WELD FLOW LINE, LAY OUT AND MAKE UP FLARE LINES, WORK ON SMALL LEAK'S IN GUN LINES, READY TO PRESSURE TEST @ 900AM
	09:00 - 06:00	21.00	OTH		WORKING ON TOP DRIVE (NEW HAND THAT IT WAS HIS FIRST TIME RIGGING UP TOP DRIVE PRESSURED UP UNIT AND BLEW OIL ALL OVER

Printed: 6/8/2007 2:24:13 PM

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/7/2007	09:00 - 06:00	21.00	OTH		DIDN'T KNOW WHAT WAS WRONG, JOHN THE HAND THATS BEEN SITTING ON THIS RIG SHOWED UP TODAY AND SUPT. BILL AND ANOTHER HAND. THEY TESTED LINES AND FOUND CHECK VALVE BAD AND SEALS BLOWN IN TOP DRIVE, PULL MOTORS AND REPLACE SEALS
4/8/2007	06:00 - 10:00	4.00	OTH		WORK ON TOP DRIVE, FINISH PUTTING IN MOTOR AND TEST LINES AND OPERATIONS OF UNIT ALL WORKING CORRECTLY (TORQUE ALL CONNECTION'S)
	10:00 - 14:00	4.00	BOP	1	IPS TIGHTENED CONNECTIONS ON BOPE
	14:00 - 00:00	10.00	BOP	2	RIG UP AND PRESSURE TEST TOP DRIVE DOUBLE BALL VALVE DIDN'T TEST CHANGED DOUBLE BALL VALVE AND IT DIDN'T TEST, TEST THIRD VALVE TEST TIW, DART VALVE, BLIND, UPPER AND LOWER PIPES, CHOKE MANIFOLD AND HCR 10 MIN LOW 250 PSI HIGH 10,000 PSI ANNULAR 10 MIN LOW 250 PSI HIGH 5000 PSI, BLM WAS NOTIFIED BY MESSAGE ON PHONE (BLM WAS NOT PRESENT FOR TEST) WHILE TESTING MUDDING UP SURFACE SYSTEM
	00:00 - 05:00	5.00	RIG	2	CLEAN RIG FLOOR OF OIL AND REPLACE DRIVE CHAIN ON DRAWWORKS
4/9/2007	05:00 - 06:00	1.00	OTH		INSTALL WEAR BUSHING/ WHEN INSTALLING DRILLER TOLD MOTOR HAND TO MAKE SURE KOOMY LEVERS WHERE IN THE OPEN POSTION, BUT THE HCR, WHEN I DISCOVERED THE PROBLEM ALL KOOMY LEVERS WHERE IN THE OPEN POSTION BUT THE ANNULAR IT WAS SHUT
	06:00 - 07:00	1.00	OTH		INSTALL WEAR BUSHING, COULDN'T COME OUT OF THE HOLE WITH WEAR BUSHING, LOOK OVER EQUIPMENT AND HYDRILL WAS SHUT, DRILLER TOLD HAND TO OPEN EVERY THING BUT TO SHUT HCR VALVE, HE SHUT THE WRONG VALVE, I DISCUSSED WITH DRILLER AND HANDS NOT TO BE OPERATING FUNTIONS WHILE INSTALLING WEAR BUSHING.
	07:00 - 08:00	1.00	TRP	1	RIG UP LAY DOWN TRUCK, TO PICK UP DRILL PIPE
	08:00 - 08:30	0.50	RIG	2	REPLACE MAKE UP SIDE CABLE, BROKE WHEN MAKING UP BIT
	08:30 - 15:00	6.50	TRP	1	RIG UP LAY DOWN MACHINE AND PICK UP BHA AND 3260' OF 5" DRILL PIPE, TAGGED EARLY AT 4460' THAT IS 1539' ABOVE THE FLOAT SHOE
	15:00 - 16:00	1.00	CSG	1	RIG DOWN LAY DOWN TRUCK
	16:00 - 17:00	1.00	OTH		FILE UNION STARTER THREAD (IT CAME FROM THE REPAIR SHOP WITH OUT ANY PROTECTION ON IT) AND PICK UP KELLY HOSE AND PUT ON SWIVEL
	17:00 - 18:30	1.50	RIG	2	WORK ON AIR LINES BETWEEN MOTOR SHED'S/ SOME CROSSED LINES WHEN #3 MOTOR CLUTCH KICKS IN #2 PUMP COMES ON LINE/ WHEN KICK IN #2 PUMP ENGINE'S THOTTLE UP
	18:30 - 19:30	1.00	CIRC	1	FILL PIPE PRESSURED UP AND NO CIRCULATION
	19:30 - 22:00	2.50	TRP	2	TRIP OUT OF HOLE (WET)
	22:00 - 23:30	1.50	OTH		CLEAN RIG FLOOR AFTER WET TRIP AND DRIED MUD FROM DRILL PIPE
	23:30 - 00:00	0.50	TRP	2	PACK OFF ON TOP OF MUD MOTOR AND FIRST IBS, BREAK BIT AND CLEAN OUT PLUG JETS (PLUGGED WITH CEMENT)
	00:00 - 01:30	1.50	TRP	2	TRIP IN FIRST STAND AND STAND WITH X-OVER AND PUMP TO SEE IF MOTOR WAS CLEAN (MOTOR WAS GOOD)
	01:30 - 02:00	0.50	OTH		TRIP INTO HOLE TO DRILL OUT CEMENT, BREAK CIRC AFTER BHA
	02:00 - 03:00	1.00	TRP	2	CHANGE GRABBER DIES IN TOP DRIVE
	03:00 - 04:00	1.00	OTH		TRIP IN 3 ROWS
4/10/2007	04:00 - 04:30	0.50	RIG	2	INSTALL ROTATING HEAD RUBBER
	04:30 - 05:00	0.50	CIRC	1	WORK ON SWIVEL PACKING (LEAKING HAD TO HAMMER UP)
	05:00 - 05:30	0.50	TRP	2	BREAK CIRCULATION
	05:30 - 06:00	0.50	REAM	1	TRIP IN 3 STANDS
	06:00 - 10:00	4.00	REAM	1	WASHING AND REAMING CEMENT IN CASING FROM 4460 TO 4501
					DRILLING CEMENT FROM 4,501 TO 5251 (CEMENT WIPER PLUG WAS @4540)
					CEMENT COMING OVER SHAKERS CLUMPY 1/2-1" CHUNKS (HARD)

Questar E & P
Operations Summary Report

Page 11 of 23

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/10/2007	10:00 - 11:00	1.00	RIG	1	RIG SERVICE GREASE TOP DRIVE AND DRAW TOOL, COMPOUND
	11:00 - 20:00	9.00	OTH		DRILL CEMENT FROM 5251 TO 6120 @ 5715 SANDY CEMENT STARTED
	20:00 - 20:30	0.50	CIRC	1	COMING OVER SHAKERS (SOFT)
	20:30 - 21:00	0.50	OTH		CIRCULATE HOLE CLEAN FOR FIT TEST
	21:00 - 01:00	4.00	DRL	1	PERFORM FIT WITH 8.8 MUD WT 850 PSI = EQUIV. 11.5 MUD WT WITH B & C
	01:00 - 02:30	1.50	RIG	2	QUICK TEST
4/11/2007	02:30 - 06:00	3.50	DRL	1	DRILLING FROM 6120 TO 6241 (ROP 30.25)
	06:00 - 14:30	8.50	DRL	1	WORK ON #1- ROD CLAMP AND #2 PUMP- COULDN'T GET TO PUMP AIRED UP/ WENT THROUGH PUMP TO SEE IF THERE WAS SOMING UNDER VALVE COULDN'T FIND ANYTHING
4/12/2007	14:30 - 15:30	1.00	RIG	1	DRILLING FROM 6241 TO 6295 (ROP 15.4)
	15:30 - 06:00	14.50	DRL	1	DRILL FROM 6295 TO 6474 (ROP 21' HR.) (10-15 WOB, 50 TABLE, PUMPING BIT UNBALLING SWEEP'S WHEN NEEDED AND TRICKLE NUT SHELL OVER SUCTION IN TANK, ALSO ON CONNECTIONS DROPPING SOAP STICKS AND SAPP/ SOFT GUMMY CLAY COMING OVER SHAKERS)
	06:00 - 09:30	3.50	DRL	1	SERVICE RIG
	09:30 - 10:30	1.00	RIG	1	DRILL FROM 6474 TO 6775 (ROP 20.75' HR)
	10:30 - 14:30	4.00	DRL	1	DRILLING FROM 6775 - 6850', 75', 21.42 FPH, 19K WOB, 92 RPM DOWN HOLE, 50 RPM ON SURFACE. HELD STAND DOWN SAFETY MEETING ON 3 ACCIDENTS ON QEP LOCATIONS.
	14:30 - 15:30	1.00	SUR	1	SERVICE RIG & TOP DRIVE, FUNCTION LOWER PIPE RAMS
4/13/2007	15:30 - 06:00	14.50	DRL	1	DRILL 6850' - 6945', 95', 23.75 FPH, 19K WOB, 92 RPM DH, 50 RPM ON SURFACE. PUMPING LCM & BIT BALLNG SWEEPS AS NEEDED. CEMENTED BASE PLATE ON WELL HEAD W/ 5 YDS OF REDIMIX FROM PETE MARTIN.
	06:00 - 12:00	6.00	DRL	1	WIRELINE SURVEY @ 6874', .5 DEG. @ 147.4
	12:00 - 13:00	1.00	SUR	1	DRILL 6945' - 7351', 406', 28 FPH, WOB 15-20K, 92 RPM DOWN HOLE, 50 RPM ON SURFACE, STILL PUMPING LCM & BIT BALLING SWEEPS AS NEEDED.
	13:00 - 16:30	3.50	DRL	1	TOTAL LOSSES TODAY 200 BBL.
	16:30 - 17:30	1.00	RIG	1	DRILL 7351' - 7508', 157', 26.16 FPH, WOB 15-20K, 92 RPM DOWN HOLE, 50 RPM ON MOTOR. SLIGHT BIT BALLING, NO NOTICEABLE LOSSES SO FAR TODAY.
	17:30 - 06:00	12.50	DRL	1	WIRELINE SURVEY @ 7438', .6 DEG. 202.
4/14/2007	06:00 - 09:00	3.00	DRL	1	DRILL 7508' - 7603', 95', 27.14 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE, 91 DOWN HOLE.
	09:00 - 10:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	10:00 - 15:00	5.00	DRL	1	DRILL 7603' - 7905', 302', 24.16 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE, 91 DOWN HOLE. TOTAL LOSSES TODAY 125 BBL. SLIGHT SEEPAGE HOLE IN GOOD CONDITION. ONLY SMALL SLOUGH & VERY LITTLE OF THAT.
	15:00 - 19:30	4.50	TRP	10	DRILL 7905' - 7983', 78', 26 FPH. WOB 15-20K, RPM 141, 50 ON SURFACE & 91 DOWN HOLE. MINIMAL SEEPAGE, NO INCREASE IN SLOUGH.
	19:30 - 20:30	1.00	TRP	10	SERVICE RIG & TOP DRIVE
	20:30 - 00:00	3.50	TRP	10	DRILL 7983' - 8076', 93', 18.6 FPH, WOB 15-21K, RPM 50 ON SURFACE, 91 DOWN HOLE. TOTAL LOSSES TO TRIP = 185 BBL, SEEPAGE & DUMPING SAND TRAPS.
4/15/2007	00:00 - 00:30	0.50	REAM	1	PUMP PILL & TOH W/ BIT #13.
	00:30 - 06:00	5.50	DRL	1	BREAK OFF BIT, PU NEW BIT, FUNCTION BLIND RAMS
	06:00 - 10:30	4.50	DRL	1	TIH W/ BIT #14, CHANGE OUT CORROSION RING. GOOD TRIP.
					W&R 90' TO BOTTOM, 10' OF FILL, LOST 30 BBL ON TRIP. 10 BBL OF IT WET PIPE.

Printed: 6/8/2007 2:24:13 PM

Questar E & P
Operations Summary Report

Page 12 of 23

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/15/2007	06:00 - 10:30	4.50	DRL	1	SLOUGH.
	10:30 - 11:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE. FUNCTION LOWER PIPE RAMS.
	11:30 - 06:00	18.50	DRL	1	DRILL 8453' - 8818', 365', 19.72 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE, 91 DOWN HOLE. PUMPING BIT BALLING SWEEPS @ 1/2 - 1 HR INTERVALS SOME TIMES IT HELPS BUT ONLY FOR 3-4'. VERY SLIGHT SEEPAGE LAST 24 HRS.
4/16/2007	06:00 - 10:00	4.00	DRL	1	DRILL 8818' - 8932', 114', 28.5 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE, 91 DOWNHOLE. STILL PUMPING BIT BALLING SWEEPS @ 1/2 - 1 HR INTREVALS. SEEPAGE MINIMAL
	10:00 - 11:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION ANNULAR & CHECK CROWN-O-MATIC
	11:00 - 06:00	19.00	DRL	1	DRILL 8932' - 9511', 579', 30.47 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE. INCREASED PUMPS TO 418 GPM. VERY SLIGHT SEEPAGE.
4/17/2007	06:00 - 09:30	3.50	DRL	1	DRILL 9511' - 9608', 97', 27.71 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE. BIT JUST KEEPS HANGING IN. SEEPAGE MINIMAL.
	09:30 - 10:00	0.50	RIG	2	CHANGE FILTER ON CHAIN OILER ON COMPOUND.
	10:00 - 12:30	2.50	DRL	1	DRILL 9608' - 9704', 96', 38.4 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE
	12:30 - 13:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, ADJUST BRAKES, ADD SAFETY CHAINS TO BALE EXTENSION, & FUNCTION LOWER PIPE RAMS.
	13:30 - 06:00	16.50	DRL	1	DRILL 9704' - 10200, 496', 30.06 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE. HOLE TAKING A LITTLE MORE FLUID THE LAST 3 HRS, ABOUT 10 BBL. PUMPED 10% LCM SWEEP, STILL PUMPING BIT BALLING SWEEP EVERY HALF HR SINCE 22:00. FIRST TIGHT CONN @ 10181' ABOUT 25K OVER. REAMED BACK THROUGH IT AND DIDN'T SEE IT.
4/18/2007	06:00 - 09:30	3.50	DRL	1	DRILL 10200' - 10342', 142', 40.6 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE, TRIPPING BIT ON HOURS ONLY.
	09:30 - 10:30	1.00	CIRC	1	CIRC BOTTOMS UP.
	10:30 - 11:00	0.50			DROP SURVEY @ 10362' 6 202, SAME AS LAST SURVEY. DRILLER CHECKED SURVEY. WHEN I CHECKED IT IT WAS 89.6 @ 68.9, POSSIBLE MIS-RUN. I THINK IT TOOK A SURVEY ON THE BENCH, BUT CAN'T TELL FOR SURE.
	11:00 - 18:00	7.00	TRP	10	PUMP PILL, TOH W/ BIT #14, PULL ROTATING HEAD RUBBER, BREAK OFF BIT, LD MUD MOTOR.
	18:00 - 19:00	1.00	TRP	10	PU NEW BIT # 15, NEW MOTOR, & TIH TO JARS. JARS HAD TOP SEAL OUT OF MANDREL, LD JARS. #1 4/17/07
	19:00 - 20:00	1.00	RIG	6	SLIP & CUT DRILLING LINE, 180'
	20:00 - 21:00	1.00	RIG	1	SERVICE RIG, TOP DRIVE, & FUNCTION ANNULAR
	21:00 - 22:00	1.00	WOT	5	WO, STRAP & PU JARS. #2 4/17/07
	22:00 - 03:30	5.50	TRP	10	TIH, BREAK CIRC AT BHA, & EA. 3 ROWS TO BOTTOM 1 STAND OFF BOTTOM TIGHT, PACKED OFF.
	03:30 - 05:00	1.50	FISH	6	WORK TIGHT HOLE, SET OFF JARS 3 TIMES EASY, FOUND FREE SPOT, BREAK CRC. BACK REAM OUT TO 10208'
4/19/2007	05:00 - 06:00	1.00	REAM	1	W&R 10208' - 10300'
	06:00 - 07:00	1.00	REAM	1	W&R 10300' - 10342, 36' OF FILL,LOTS OF PRESSURED SLOUGH BUT NOTHING LARGE.
	07:00 - 12:00	5.00	DRL	1	DRILL 10342' - 10541', 199', 39.8 FPH, WOB 15-20K, RPM 124, 65 ON SURFACE, 59 DOWN HOLE. NO NOTICABLE SEEPAGE TO THIS POINT. BOP DRILL.
	12:00 - 13:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION PIPE RAMS
4/20/2007	13:00 -		DRL	1	DRILL 10541' - 11060, 519', 30.52 FPH, WOB 15-20K, RPM 110, 50 ON SURFACE, 60 DOWN HOLE, NO NOTICEABLE SEEPAGE LAST 24 HRS.PUMPING BIT BALLING SWEEPS IN SLOW DRILLING SPOTS.
	06:00 - 10:30	4.50	DRL	1	DRILL 11060' - 11207', 147', 32.66 FPH, WOB 15 - 20K, RPM 110, 50 ON SURFACE, 60 DOWN HOLE, NO NOTICEABLE SEEPAGE TO THIS POINT.

Printed: 6/8/2007 2:24:13 PM

Operations Summary Report

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/20/2007	10:30 - 11:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION ANNULAR, ADJUST BRAKES.
	11:30 - 14:00	2.50	DRL	1	DRILL 10207' - 11301', 94', 37.6 FPH, WOB 15-20, RPM 100, 50 ON SURFACE, 60 DOWN HOLE, TOP DRIVE WILL NOT TURN OVER 50 RPM ON SURFACE. IT WILL TURN 70 OFF BOTTOM BUT FALLS TO 50 WHEN YOU PUT IT ON BOTTOM.
	14:00 - 18:00	4.00	RIG	8	REPLACE AIR VALVE & LINDE PUMP ON TOP DRIVE.
	18:00 - 05:00	11.00	DRL	1	DRILL 11301' - 11488', 187', 17 FPH, WOB 15-20K, RPM 120, 60 DOWN HOLE, 60 ON SURFACE. HOLE STARTED TAKING FLUID @ 11380', SHOW 11382' - 11400' 600u, 6637u, 3800u. TRIED TO GO THROUGH BUSTER BUT ROTATING HEAD LEAKING BAD.
4/21/2007	05:00 - 06:00	1.00	RIG	4	CHANGE OUT ROTATING HEAD, SEAL GONE WHEN WE PULLED HEAD, DON'T THINK ONE WAS INSTALLED AFTER LAST TRIP.
	06:00 - 09:00	3.00	DRL	1	DRILL 11488' - 11561', 73', 24.33 FPH, WOB 15-20K, RPM 119, 60 ON SURFACE, 59 DOWN HOLE. ROTATING HEAD LOCKED UP, WORE RUBBER OUT.
	09:00 - 10:00	1.00	RIG	4	CHANGE OUT ROTATING HEAD RUBBERS.
	10:00 - 13:00	3.00	DRL	1	DRILL 11561' - 11614', 53', 17.66 FPH, WOB 15-20K, RPM 119, 60 ON SURFACE, 59 DOWN HOLE. LOSSES SEEM TO BE SLOWING.
4/22/2007	13:00 - 14:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE.
	14:00 - 00:30	10.50	DRL	1	DRILL 11614' - 11724 110', 10.47 FPH, WOB 20-25K, RPM 119, 60 ON SURFACE, 59 DOWN HOLE. LOSING ABOUT 2-4 BBL HR OF FLUID, RAISING MW TO CONTROL GAS, DRILLING FLARE 15-25', CONN FLARE 35'
	00:30 - 06:00	5.50	CIRC	1	DRILLING SLOWED TO 4 FPH, SHUT DOWN TO RAISE MW F/ BIT TRIP. BBG THROUGH BUSTER 1500 - 2500u MW 10.2, HEADED F/ 10.4. BYPASSED SHAKERS TO KEEP LCM IN SYSTEM.
	06:00 - 23:30	17.50	CIRC	1	C&C F/ BIT TRIP. MW HEADED F/ 10.2 - 10.8. GAS @ 10.8 IS STILL 725u THROUGH THE BUSTER, SPOTTED 160 BBL OF 12.2PPG MUD ON BOTTOM. ESTIMATE TOP OF PILL @ 9981'
4/23/2007	23:30 - 01:00	1.50	TRP	10	TOH 22 STANDS SLOW & WET. TO 9653', GAINED 8 BBL OF FLUID PULLING 22 STANDS.
	01:00 - 04:00	3.00	CIRC	1	CIRC BOTTOMS UP TO CLEAN UP GAS. GAS ON BUSTER 650u. MIXED PILL WHILE CIRC.
	04:00 - 06:00	2.00	CIRC	1	CHECK F/ FLOW, FLOWING 1/2" STREAM, RAISING MW TO 11.0 PPG.
	06:00 - 00:00	18.00	CIRC	1	C&C, RAISING MW F/ 10.8 - 11.8, HAD 11.7 COMMING BACK & LOST COMPLETE RETURNS @ 23:49 LCM 12%
4/24/2007	00:00 - 01:00	1.00	CIRC	2	MIXING LCM & MUD, LETTING MW DROP BACK TO 11.7 BRINGING LCM TO 15%
	01:00 - 06:00	5.00	CIRC	1	C&C, BUILD VOLUME, WT @ 11.7, LCM @ 20%, LOSSES @ 17 BPH, SEEM TO BE SLOWING A LITTLE, AROUND 7 BPH AS NEAR AS I CAN TELL AT THIS TIME.
	06:00 - 13:30	7.50	CIRC	1	C&C, MIXING MUD & BUILD VOLUME. CHECKED FLOW @ 08:00, NO FLOW. C&C BUILD PREMIX, GUN LINES PLUGGED OFF, & BAR HOPPER @ PREMIX PLUGGING @ 4X3" SAWGE. CHECKED F/ FLOW @ 11:15, FLOWING 1" STREAM & SURGING TO 4" -6" STREAM FIRST TIME WE HAVE SEEN THIS SURGING. TAKING PREMIX TO 12.2 PPG W/ 30% LCM.
	13:30 - 14:00	0.50	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION HCR VALVE, CHECK FLOW, NO FLOW. 11.8PPG MW.
4/24/2007	14:00 - 18:00	4.00	CIRC	1	C&C, BUILD PREMIX, 12.2 PPG MW, 30% LCM & SPOT F/ 9653' - 6745' CALCULATED OH.
	18:00 - 03:30	9.50	TRP	10	TOH TO 6107', PUMP TRIP PILL. CONTINUE W/ SLOW TOH, LD BIT & MOTOR. NO LOSSES ON TOH.
	03:30 - 06:00	2.50	TRP	10	PU HUNTING .22 MOTOR SN 6142 , DOG SUB, HTC 406Z BIT SN 7301750 BIT #16, & TIH SLOW

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/25/2007	06:00 - 08:30	2.50	TRP	10	TIH SLOW,BREAK CIRC EVERY 3 ROWS TO SHOE
	08:30 - 09:00	0.50	TRP	10	CHANGE OUT ROTATING HEAD
	09:00 - 10:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP @ THE SHOE, GAS PEAKED @ 4899u, 10-15' FLARE.
	10:00 - 16:00	6.00	TRP	10	TIH CIRCULATING BOTTOMS UP EVERY ROW , BOTTOMS UP FLARE ON LAST ROW 40 +' 44 BBL GAIN.
	16:00 - 17:00	1.00	REAM	1	W&R 470' TO BOTTOM, 36' OF FILL BOTTOMS UP FLARE 50', GAINED 55 BBL.
	17:00 - 18:00	1.00	CIRC	1	CIRC OUT GAS.
	18:00 - 06:00	12.00	DRL	1	DRILL 11724' - 11839', 115', WOB 18-25K, RPM 142, 92 DOWN HOLE, 50 ON SURFACE NO LOSSES THIS MORNING. MW 12.0, LCM 25% STILL BY PASSING SHAKERS.
4/26/2007	06:00 - 12:30	6.50	DRL	1	DRILL 11839' - 11867', 28',4.3 FPH, WOB 25K, RPM 142, 92 DOWN HOLE, 50 ON SURFACE. PLAYED W/ RPM & WOB BUT THATS ALL WE COULD GET OUT OF THIS BIT.
	12:30 - 13:30	1.00	SUR	1	DROP SURVEY @ 11797' (MISS RUN)
	13:30 - 14:30	1.00	CIRC	1	CIRC & FINISH MIXING TRIP PILL.
	14:30 - 18:00	3.50	TRP	10	TRIP OUT OF HOLE SLOW
	18:00 - 21:00	3.00	TRP	1	TRIP OUT OF HOLE
	21:00 - 21:30	0.50	TRP	1	CHANGE OUT BIT'S/ RETREIVE SURVEY/ FUNTION TEST BLINDS AND PIPE RAMS
	21:30 - 02:00	4.50	TRP	10	TRIP IN HOLE TO SHOE, FILL EVERY 3 ROWS, INSTALL ROT. RUBBER
4/27/2007	02:00 - 02:30	0.50	CIRC	1	CIRCULATE BOTTOMS UP @ SHOE 110 PEAK GAS
	02:30 - 05:30	3.00	TRP	10	TRIP IN HOLE FILL PIPE AND BREAK CIRCULATION 8785,10,794
	05:30 - 06:00	0.50	CIRC	1	CIRCULATE/ WASH @ 10,794
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE TO 11744
	07:00 - 08:00	1.00	REAM	1	WASH AND REAM FROM 11,744 TO 11,867 25 FT FILL
	08:00 - 13:00	5.00	DRL	1	DRILL FROM 11,867 TO 11,924 (ROP 11.4) (STARTED SHAKING OUT LCM SLOWLY OVER 1 SHAKER @ 10:30 am) MW 11.7/GAS 180 UNIT'S/ ON CONNECTION WORKED THROUGH TIGHT SPOT @ 11,890 UP TO 11,870
	13:00 - 14:00	1.00	RIG	1	RIG SERVICE (SERVICE TOP DRIVE, COMPOUND)
4/28/2007	14:00 - 18:00	4.00	DRL	1	DRILL FROM 11,924 TO 11,965 (ROP 10.25 FT HR)
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 11,965 TO 12,076 (ROP 9.25 FT HR) SLOWWED TO 4-5 FT HR FROM 11,975-12,003
	06:00 - 13:00	7.00	DRL	1	DRILL FROM 12,076 TO 12,209 (ROP 19 FT HR) SHAKING LCM OUT DOWN TO 8-10% WOB 10-15, DHRPM 142, STARTED SEEPING WHEN WT UP TO 11.7+,
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG, TOP DRIVE, (REPLACE QUIK RELEASE ON #1 MOTOR CLUTCH)
	14:00 - 18:30	4.50	DRL	1	DRILL FROM 12,209 TO 12,256 (ROP 10.4 FT HR) HIT BLACK HAWK SAND TOOK KICK
	18:30 - 02:30	8.00	CIRC	1	CIRCULATE THROUGH CHOKE WEIGHTING UP MUD SLOWLY 1-2 POINTS A CIRCULATION NOT WANTING TO KNOCK THE BOTTOM OUT/ BRING UP LCM TO 20%-25%
	02:30 - 06:00	3.50	CIRC	2	STARTED LOSSING CIRCULATION WHEN MUD WEIGHT REACHED 12.3 PPG,SLOWWED PUMP DOWN AND PUMP HI LCM SWEEP,
4/29/2007	06:00 - 02:30	20.50	CIRC	2	FIGHT LOST CIRCULATION, PIPES SHUTIN AND GAS SOMETIMES OVER 3000 UNIT'S, PUMPING LCM SWEEPS EVERY HALF HOUR AND BRINGING MUD WEIGHT UP 1 POINT PER CIRCULATION WHILE GOING THROUGH CHOKE,
	02:30 - 06:00	3.50	DRL	1	DRILL FROM 12,256 TO 12,285 (ROP 8.25 FT HR) BRING WT UP TO CONTROL BACK GROUND GAS
4/30/2007	06:00 - 08:00	2.00	DRL	1	DRILL FROM 12,285 TO 12,303 (ROP 9 FT HR.) 2-3 BBL LOSS 25-28% LCM,
	08:00 - 09:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE, COMPOUND, BLOCKS
	09:00 - 06:00	21.00	DRL	1	DRILL FROM 12,303 TO 12,471' (ROP 8' FT. HR.) 2-3 BBLS LOSS
5/1/2007	06:00 - 08:00	2.00	DRL	1	DRILL FROM 12,470 TO 12,490 (ROP 10' HR) MW 12.7/WOB 20-25/ DHRPM 130

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/1/2007	06:00 - 08:00	2.00	DRL	1	SHAKE LCM OUT TO 10% LCM IN SYSTEM
	08:00 - 21:00	13.00	RIG	2	REPAIR RIG/MASTER CLUTCH BOOT HAS HOLE IN IT, (NEW ONE COMING FROM CASPER AND TWO MECHANICS)
	21:00 - 06:00	9.00	DRL	1	DRILL FROM 12,490 TO 12,600 (ROP 12.2 HR) MW 12.7/WOB 20-25/DHRPM 130
5/2/2007	06:00 - 08:30	2.50	DRL	1	DRILL FROM 12,600 TO 12,612 (ROP 4.8 FT HR)
	08:30 - 10:30	2.00	CIRC	7	CIRCULATE BOTTOMS UP FOR SAMPLE/MUD LOGGER
	10:30 - 17:00	6.50	RIG	2	SHORT TRIP OUT 50 STANDS SLOW BECAUSE OF AIR ISSUES WITH MASTER CLUTCH (WHEN THEY THROTTLE UP ON DRAWWORKS ABOUT HALF THROTTLE IT KICK'S OUT THE MASTER CLUCH), (TIGHT SPOTS WERE AT 12,225 TO 12,12,215 AND 11,960 TO 11,950 AND 11,925 TO 11,910) WORK UP AND DOWN THROUGH TIGHT SPOTS/ WHILE TRIPPING ALSO WAS TRYING TO WORK ON MASTER CLUTCH TO FIGURE OUT PROBLEM WITH IT,
	17:00 - 21:00	4.00	TRP	14	TRIP IN HOLE 50 STANDS BREAKING CIRCULATION EVERY 22 JT.S/ WASHED 25' OF SOFT FILL(MOTOR IS REAL WEAK)
	21:00 - 02:30	5.50	CIRC	1	CIRCULATE AND GET MUD PROPERIES INTO SHAPE(12.7+) BOTTOMS UP FLARE 25'-30'/PIT GAIN 86 BBL.S/ WITH ECD.S FLARE IS 2-3'
5/3/2007	02:30 - 03:30	1.00	CIRC	1	FLOW CHECK - OK - DROP SURVEY
	03:30 - 06:00	2.50	TRP	2	TRIP OUT OF HOLE TO RUN 7" LINER & STRAP OUT OF HOLE
	06:00 - 12:30	6.50	TRP	2	TRIPPING OUT OF HOLE TO RUN CASING LINER STRAPPING OUT OF HOLE(SLM-12,604/ NO CORRECTION) ,(TRIPPING SLOW BECAUSE OF MASTER CLUTCH TROUBLE ON RIG)
	12:30 - 17:30	5.00	TRP	1	RIG UP LAY DOWN TRUCK AND LAY DOWN BHA (WET)
	17:30 - 18:00	0.50	OTH		PULL WEAR BUSHING
5/4/2007	18:00 - 19:30	1.50	CSG	1	HELD SAFETY MEETING/RIG UP ROCKY MTN. CASING CREW
	19:30 - 04:00	8.50	CSG	2	RUN 7" CASING LINER,162 JT'S (84 JT'S 29# P110/78 JT'S 26# P110) BREAK CIRCULATION EVERY 25 JT'S
	04:00 - 05:00	1.00	CSG	2	R/D CASING EQUIPMENT, FILL UP TOOL & LAY DOWN MACHINE
	05:00 - 06:00	1.00	CSG	2	MAKE UP LINER HANGER ASSEMBLY
	06:00 - 06:30	0.50	CSG	1	RIG DOWN CASING CREW
	06:30 - 07:30	1.00	CIRC	1	CIRCULATE BOOTMS UP ON FIRST STAND OF DRILL PIPE
	07:30 - 12:30	5.00	CSG	4	TRIP IN HOLE 59 STANDS/FILL EVERY TEN STANDS(BREAK CIRCULATION)
	12:30 - 13:30	1.00	CSG	1	WASH DOWN 3 STANDS
	13:30 - 19:30	6.00	CIRC	1	CIRCULATE WHILE RECIPROCATING LINER/SHAKE OUT LCM IN PIT SYSTEM LOST APOX 650 BBL
	19:30 - 20:00	0.50	CSG	4	HANG LINER WITH SMITH HAND
	20:00 - 00:30	4.50	CMT	2	HELD SAFETY MEETING AND CEMENT WITH HALLIBURTON (LOST RETURN'S 59 BBL INTO DISPLACEMENT)
					PUMP CEMENT & DISPLACE CMT IN PLACE @ 0030 HRS BUMPED PLUB W/ 500 PSI OVER CIRULATION
					FLOAT HELD LEAD CEMENT TOTAL 1300 SACKS 4% GEL, 20% SSA-1, 3 LBS/SK SIL. .6% HALAD-344, .2% SUPER
					TAIL CEMENT TOTAL 100 SACKS 2% GEL, 20% SSA-1, 3 LBS/SK SIL., .5% HALAD-344,.2% HALAD-413,.2%HR
					12, .7% SUPER CBL, .2% SUSPEND-HT
5/5/2007	00:30 - 01:00	0.50	CMT	1	LAY DOWN CEMENTING HEAD & HAL. CEMENT LINES
	01:00 - 01:30	0.50	TRP	2	PULL 5 STANDS
	01:30 - 03:00	1.50	CIRC	1	CIRCULATE 2X BOTTOMS UP
	03:00 - 06:00	3.00	TRP	2	TRIP OUT OF HOLE W/ 7" LINER RUNNING TOOL & LAY DOWN RUNNING TOOL ASSEMBLY
	06:00 - 07:00	1.00	CSG	4	TRIP OUT AND LAY DOWN 7" LINER HANGER
	07:00 - 08:30	1.50	TRP	2	PICK UP PILOT AND POLISH MILL FOR TOP OF LINER AND TRIP IN HOLE TO CLEAN TOP OF LINER

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/5/2007	08:30 - 09:30	1.00	OTH		CUT AND SLIP DRILLING LINE
	09:30 - 10:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	10:30 - 11:00	0.50	TRP	2	TRIP IN AND TAG TOP WITH POLISH MILL (NO ROTATION)
	11:00 - 14:00	3.00	OTH		STING INTO LINER TOP/ ROTATE TORQUING UP (MEASURED OUT TO BE MILL IN IN LINER CATCH WOULD HANG UP IF PIPE WASN'T ROTATING, MILLED AND WORK UP AND OWN THROUGH ROTATING, COULD WORK UP AND DOWN THROUGH FULL STROKE OF CLEAN OUT TOOL WITH NO PROBLEMS,
	14:00 - 16:30	2.50	TRP	2	TRIP OUT OF HOLE TO SEE WHAT MILL LOOKS LIKE/HAD LITTLE WEAR/ LAYDOWN CLEAN OUT TOOL
	16:30 - 21:30	5.00	TRP	2	TRIP IN (SLOW) WITH PACKER TO SET IN LINER HANGER
	21:30 - 00:30	3.00	CSG	4	STING IN AND SET PACKER SEAL ASSEMBLY/ PRESSURE TEST SEALS 300 PSI AND POSITIVE TEST @ 1500 PSI FOR 30 MIN.
	00:30 - 01:00	0.50	OTH		PULL OUT TWO STANDS TO DO A NEGATIVE TEST ON LINER LAP
	01:00 - 02:30	1.50	OTH		FILL PILL TANK WITH WATER TRUCK AND DISPLACE MUD OUT OF HOLE FOR NEGATIVE TEST ON LINER PACKER
	02:30 - 03:30	1.00	DEQ	2	CARRY OUT NEGATIVE TEST ON 7' LINER & PACKER - OK -
	03:30 - 05:00	1.50	CIRC	1	CIRCULATE OUT WATER & DISPLACE WELL TO 12.7 MUD.
	05:00 - 06:00	1.00	RIG	2	WORK ON MASTER CLUTCH
	06:00 - 06:00	24.00	RIG	2	REPAIR MASTER CLUTCH ON COMPOUND AND AIR LINES- WHILE WORKING ON MASTER CLUTCH CLEANED MUD TANKS & BUILD MUD VOLUME
	06:00 - 20:30	14.50	RIG	2	WORK ON MASTER CLUTCH (ROADS WERE CLOSED, COULDN'T BRING CLUTCH OUT OF CASPER ROADS OPENED UP AROUND 9:00 AM CLUTCH SHOWED ON LOCATION @ 16:30) CHANGED OUT LINER'S IN PUMP TO 5"
5/7/2007	20:30 - 01:30	5.00	TRP	3	LAY DOWN DRILL PIPE IN MOUSE HOLE WHILE WAITING ON LAY DOWN TRUCK (DO TO RIG REPAIR/DIDN'T KNOW WHEN THE RIG WAS GOING TO RUN PROPERLY)
	01:30 - 02:30	1.00	TRP	3	RIG UP LAY DOWN TRUCK
	02:30 - 03:00	0.50	TRP	3	LAY DOWN 5" DRILL PIPE USING L/D TRUCK TO 300'
	03:00 - 03:30	0.50	TRP	2	REMOVE ROTATING HEAD
	03:30 - 04:00	0.50	TRP	3	CONTINUE TO LAY DOWN 5" DRILL PIPE USING LAY DOWN TRUCK
	04:00 - 04:30	0.50	TRP	3	RIG DOWN LAY DOWN EQUIPMENT
	04:30 - 06:00	1.50	TRP	3	TRIP IN HOLE TO LAY DOWN DRILL PIPE
	06:00 - 06:30	0.50	TRP	2	TRIP IN HOLE 55 STANDS TO LAY DOWN
	06:30 - 09:30	3.00	TRP	3	LAY DOWN 5" DRILL PIPE
	09:30 - 10:00	0.50	TRP	2	TRIP IN HOLE 11 STANDS TO LAY DOWN
	10:00 - 11:00	1.00	TRP	3	LAY DOWN 5" DRILL PIPE
	11:00 - 12:00	1.00	OTH		CHANGE SAVER SUB AND GRABBER DIES (CHANGE TO 4" TOOLS)
	12:00 - 19:00	7.00	BOP	2	TEST BOP TO 10,000 PSI AND 250 PSI LOWS (TOP AND BOTTOM PIPE RAMS, BLIND RAMS, HCR, CHOKE MANIFOLD, TOP DRIVE VALVES, TIW, DART VALVE) 7500 PSI AND 250 LOW (ANNULAR), CASING TEST 1500 PSI FOR 30 MIN.
	19:00 - 19:30	0.50	OTH		INSTALL WEAR BUSHING
5/8/2007	19:30 - 21:00	1.50	TRP	2	RIG UP AND PICK UP BHA AND 4" DRILL-DRIFTING-
	21:00 - 21:30	0.50	OTH		INSTALL ROTATING RUBBER
	21:30 - 01:00	3.50	TRP	2	PICK UP 4" DRILL PIPE BREAK CIRCULATION (EVERY 1000')
	01:00 - 02:00	1.00	TRP	2	STRAP 140 JTS OF 4" DRILL PIPE ON PIPE RACK
	02:00 - 06:00	4.00	TRP	2	CONTINUE TO PICK UP 4" DRILL PIPE
	06:00 - 08:30	2.50	TRP	2	PICK UP 4" DRILL PIPE-DRIFT SAME-CIRCULATE EVERY 30 JOINTS
	08:30 - 09:30	1.00	TRP	2	RACK AND STRAP DRILL PIPE
	09:30 - 13:30	4.00	RIG	2	WENT TO ADJUST BRAKES AND BRAKE BLOCK FELL OUT OF BAND (PULL AND VISUAL INSPECT BANDS (PUT NEW BRAKE BLOCK'S ON-BURN IN THE SAME)
5/9/2007					

Questar E & P
Operations Summary Report

Page 17 of 23

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/9/2007	13:30 - 17:00	3.50	TRP	2	PICK UP 4" DRILL PIPE -DRIFT
	17:00 - 18:00	1.00	CSG	1	RIG DOWN LAY DOWN TRUCK
	18:00 - 19:30	1.50	DRL	4	DRILL OUT LAND COLLAR @ 12520, FLOAT SHOE @ 12,563,SHOE @12,607 (CEMENT WAS SOFT EASY DRILLING/SURFACE SAMPLES ARE DRY BUT PRETTY FLAKY)
	19:30 - 20:00	0.50	DRL	1	DRILL FROM 12612 TO 12617
	20:00 - 21:30	1.50	CIRC	1	CIRCULATE BOTTOMS UP TO PERFORM FIT TEST
	21:30 - 22:00	0.50	EQT	2	FORMATION INTEGRITY TEST 2000 PSI WITH 12.6 MUD WT=EQUIV. TO 15.64 MW
	22:00 - 04:30	6.50	TRP	2	TRIP OUT OF HOLE TO RUN LOGS THROUGH CASING/ PULL ROTATING HEAD
	04:30 - 06:00	1.50	LOG	2	HELD SAFETY MEETING W/ SCH. LOGGING CREW - RIG UP LOGGING EQUIPMENT & P/U LOGGING TOOLS
5/10/2007	06:00 - 22:00	16.00	LOG	2	LOGGING IN CASED HOLE W/ SWS, SONIC SCAN - CBL-VDL-P/S TD - BSC. LTD 12596'
	22:00 - 23:00	1.00	LOG	2	RD LOGGERS
	23:00 - 06:00	7.00	TRP	10	PU BI-CENTER BIT, MUD MOTOR, & TIH, RAN BHA & 1 ROW OF DP, FILL PIPE & BREAK CIRC, THEN EA. 3 ROWS. TAKING AN HOUR TO FILL PIPE, #1 PUMP NOT PUMPING, & DRILLER FORGOT TO OPEN MUD VALVE & BLEW A NAIL LAST FALL.
5/11/2007	06:00 - 07:30	1.50	TRP	10	TIH, FILL PIPE EA 2 ROWS, INSTALL ROTATING HEAD
	07:30 - 09:30	2.00	RIG	2	TAG BOTTOM, WORK ON PUMPS, PRESSURED UP.
	09:30 - 10:30	1.00	CIRC	1	C&C, MIX & PUMP PILL
	10:30 - 17:00	6.50	TRP	10	TOH F/ EXCESS PRESSURE. 4 NOZZLES PLUGGED DRY FIRST 20 STANDS, THEN CAME WET THE REST OF THE WAY OUT.
	17:00 - 18:30	1.50	TRP	10	PU & MU NEW BIT, LOST SLIP SEGMENT DOWN HOLE.
	18:30 - 20:30	2.00	WOT	4	LD MUD MOTOR & BIT, WO JUNK BASKET
5/12/2007	20:30 - 01:30	5.00	TRP	2	PU MILL TOOTH BIT, JUNK SUB, BIT SUB, & TIH RAN BHA & 1 ROW DP FILL PIPE, THEN FILL PIPE EA. 4 ROWS
	01:30 - 02:30	1.00	OTH		CHANGE OUT SAVER SUB
	02:30 - 06:00	3.50	TRP	2	TIH, FILL PIPE EA. 4 ROWS.
	06:00 - 06:30	0.50	TRP	3	TIH W/ JUNK SUB
	06:30 - 07:00	0.50	REAM	1	W&R 50' TO BOTTOM, 5' FILL
	07:00 - 09:30	2.50	DRL	1	WORK JUNK BASKET, NO EXCESS TORQUE AT ANY TIME WHILE WORKING OR WHILE DRILLING 17' OF NEW HOLE IT WAS AS IF SEGMENT WAS NOT THERE. ONE HAND SWEARS HE SAW IT HIT THE MUD IN THE ANNULUS SO DON'T KNOW WHAT TO MAKE OF IT.
	09:30 - 11:30	2.00	CIRC	1	CIRC BOTTOMS UP & PUMP PILL F/ TOH
	11:30 - 12:00	0.50	RIG	2	REPLACE CHAIN ON PIPE SPINNERS, DIDN'T HAVE A NEW ONE ON LOCATION, HAD TO WAIT FOR IT TO BE DELIVERED BEFORE WE COULD REPLACE IT, USING SPINNERS TO BACK OUT DP JUST IN CASE.
	12:00 - 15:00	3.00	TRP	2	TOH W/ JUNK BASKET
	15:00 - 15:30	0.50	RIG	2	REPAIR CHAIN ON SPINNER
	15:30 - 17:00	1.50	TRP	2	TOH W/ JUNK BASKET & FILL TRIP TANK
	17:00 - 17:30	0.50	RIG	2	REPLACE CHAIN ON SPINNERS
	17:30 - 20:30	3.00			FINISH TOH W/ BASKET, EMPTY CONTENTS, FOUND 5 PC OF STEEL, 1 PC OF TONG DIE ABOUT 1 1/2" LONG W/ A LARGE SCRAP THAT WOULD MATCH UP W/ CUTTERS ON BI-CENTER, & 4 SMALLER PCS. BIT HAD NO JUNK MARKS ON IT AT ALL. ALSO BROUGHT OUT 23 PCS OF ALUMINIUM THE LARGEST IS ABOUT 1 1/4" x 3/4" X 1/4"
	20:30 - 22:30	2.00	RIG	2	REPLACE TABLE LOCK ON BREAK OUT SIDE.
	22:30 - 06:00	7.50	TRP	2	PU BI-CENTER BIT, MUD MOTOR, XO & TIH, RAN BHA & 1 ROW, FILL PIPE & CIRC THEN RUN 4 ROWS AT A TIME, FILL PIPE & CIRC.

Printed: 6/8/2007 2:24:13 PM

Questar E & P
Operations Summary Report

Page 18 of 23

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/13/2007	06:00 - 13:30	7.50	DRL	1	DRILL 12634' - 12797', 163', 21.73 FPH, WBO 10-11K, RPM 60 ON SURFACE, & 59 DOWN HOLE. 227 GPM.
	13:30 - 14:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	14:30 - 06:00	15.50	DRL	1	DRILL 12797' - 13155', 356', 22.96 FPH, WOB 8-12, RPM 120, 60 ON SURFACE & 60 DOWN HOLE. 230 GPM. LOWER WT SEEMS TO DRILL SLOWER, HOPE TO BE @ CORE POINT AROUND 18:00 THIS EVENING.
5/14/2007	06:00 - 13:30	7.50	DRL	1	DRILL 13155' - 128', 17.06 FPH, WOB 8-12, RPM 120, 60 ON SURFACE, 60 DOWN HOLE, 230 GPM.
	13:30 - 14:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	14:30 - 20:00	5.50	DRL	1	DRILL 13283' - 13275', 92', 16.72 FPH, WOB 8-14, RPM 120, 60 ON SURFACE, 60 DOWN HOLE. 230 GPM.
5/15/2007	20:00 - 00:30	4.50	CIRC	1	C&C F/ CORE, MIX PILL.
	00:30 - 01:00	0.50	SUR	1	DROP SURVEY @ 13313', CHECK FLOW, FLOWING 1/2" STREAM FOR 30 MIN.
	01:00 - 05:00	4.00	CIRC	1	BRING PREMIX TO 13.6 PPG, & SPOT 250 BBL OF 13.6 PPG MUD ON BOTTOM F/ TOH BOTTOMS UP FLARE 8', 3000U+ BUG SPIKE AT BOTTOMS UP.
	06:00 - 10:00	4.00	TRP	2	TOH F/ CORE #1 CAME WET @ STAND # 80 OUT.
	10:00 - 11:30	1.50	CIRC	1	C&C, MIX #2 PILL
	11:30 - 13:30	2.00	TRP	2	FINISH TOH F/ CORE #1, STILL WET AT TIMES. RETRIEVE MULTISHOT SURVEY TOOL, SURVEY @ 13313' 2.3 DEG, 112.6 AZ.
	13:30 - 15:30	2.00	TRP	2	LD MOTOR & BIT, PU CORE BBL & BIT, FUNCTION BOTH PIPES, & BLIND RAMS
	15:30 - 16:30	1.00	TRP	2	TIH W/ BHA & 2 STANDS OF DP, FILL PIPE & CIRC 2 MIN.
	16:30 - 18:00	1.50	RIG	6	SLIP & CUT 162' OF DRLG. LINE
	18:00 - 19:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE.
5/16/2007	19:00 - 22:30	3.50	TRP	2	TIH W/ 4 ROWS DP, FILL PIPE & CIRC. REPEAT EA. 4 ROWS TO 8612', CIRC 1 MIN., 9682', CIRC 2 MIN, TIH TO 11828' FILL PIPE & CIRC EA. 4 ROWS.
	22:30 - 01:30	3.00	CIRC	1	INSTALL ROTATING HEAD @ 11828' & CIRC BOTTOMS UP. 1' FLARE. 2375u GAS
	01:30 - 03:00	1.50	TRP	2	TIH, FILL PIPE @ 12602', TIH TO 13375'
	03:00 - 06:00	3.00	CIRC	1	FILL PIPE & CIRC BOTTOMS UP, 8' FLARE 1 1/2 HR INTO CIRC. DROP BALL TO START CORING.
	06:00 - 17:00	11.00	DRL	1	CUT CORE #1, 13375' - 13435', 60', 5.45 FPH, WOB 4-10K RPM 65, 180 GPM.
	17:00 - 21:00	4.00	CIRC	1	BREAK OFF CORE, C&C F/ TOH W/ CORE #1 BOTTOMS UP GAS 4012u
	21:00 - 22:00	1.00	CIRC	1	SPOT 230 BBL OF 13.6 PPG MUD ON BOTTOM.
	22:00 - 06:00	8.00	TRP	2	TOH W/ CORE #1
	06:00 - 07:00	1.00	GEO	2	LD CORE #1, 100% RECOVERY, 60'
	07:00 - 08:00	1.00	GEO	2	CHANGE BITS & SPACE OUT.
5/17/2007	08:00 - 13:00	5.00	TRP	2	TIH F/ CORE #2, FILL PIPE & CIRC @ BHA & 1 ROW DP, THEN EA 4 ROWS TO 76 STANDS & CIRC 5 MIN. RIH TO 11832'.
	13:00 - 13:30	0.50	TRP	2	PULL STRIPPING RUBBER OUT OF BERRING ASSM, & INSTALL ROTATING HEAD RUBBER.
	13:30 - 14:00	0.50	CIRC	1	CIRC. 30 MIN.
	14:00 - 15:00	1.00	TRP	2	TIH W/ LAST 18 STANDS PU 2 JTS OF DP..
	15:00 - 17:00	2.00	CIRC	1	CIRC BOTTOMS UP. BUG = 2548u 2' FLARE.
5/18/2007	17:00 - 06:00	13.00	GEO	2	TAG BOTTOM, & START CORE #2 @ 13435' - 13487', 52', 4.0 FPH, WOB 4-10, RPM 65, 180 GPM. HOPE TO BE @ 13495' BY 08:00.
	06:00 - 08:30	2.50	GEO	2	CORE, 13487' - 13495', 8', 4.0 FPH, WOB 9-10K, RPM 65, 180 GPM.
	08:30 - 10:30	2.00	CIRC	1	BREAK CORE, CIRC BOTTOMS UP, MUD LOGGERS EQUIPMENT QUIT WORKING, NO ACCURATE GAS READING
	10:30 - 18:00	7.50	TRP	2	CHECK F/ FLOW, PUMP PILL, TOH W/ CORE #2. LOST 14 BBL OF MUD ON TOH.
	18:00 - 19:00	1.00	GEO	2	LD CORE #2, 100% RECOVERY, 60+'

Printed: 6/8/2007 2:24:13 PM

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/18/2007	19:00 - 01:30	6.50	TRP	10	PU BIT, MUD MOTOR, XO, & TIH TO 5500', BREAK CIRC. THEN EA. 4 ROWS TO 12603'
	01:30 - 02:00	0.50	RIG	8	REMOVE GRABBER BOX F/ TOP DRIVE.
	02:00 - 04:00	2.00	CIRC	1	CIRC. BOTTOMS UP
	04:00 - 06:00	2.00	RIG	2	REPLACE TORQUE CONVERTER SEAL ON #2 FLOOR MOTOR
5/19/2007	06:00 - 09:00	3.00	RIG	2	REPAIR RIG, FINISH REPALCING SEAL IN TORQUE CONVERTER ON #2 FLOOR MOTOR
	09:00 - 10:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	10:00 - 10:30	0.50	TRP	10	FINISH TIH PU 2 JTS DP.
	10:30 - 11:30	1.00	REAM	1	W&REAM 120' TO BOTTON, DRILL UP CORE STUMP
5/20/2007	11:30 - 06:00	18.50	DRL	1	DRILL 13495' - 13835', 340', 18.37 FPH, WOB 8-14K, RPM 120, 60 ON SURFACE, 60 DOWN HOLE. 230 GPM BOP DRILL BOTH CREWS. 13715' - 13720' TOOK 2 HOURS TO DRILL.
	06:00 - 11:00	5.00	DRL	1	DRILLING 13835' - 13931', 96', 19.2 FPH, WOB 10-11K, RPM 120, 60 ON SURFACE, 60 DOWN HOLE 230 GPM
	11:00 - 12:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	12:00 - 17:00	5.00	DRL	1	DRILL 13931' - 14043', 112', 22.2 FPH, WOB 10-11K, RPM 120, 60 ON SURFACE, 60 DOWN HOLE, 230 GPM
5/21/2007	17:00 - 18:30	1.50	RIG	2	RIG REPAIR, BOTH PUMPS DOWN, NOTHING REALY STOOD OUT AS THE PROBLEM, BUT I THINK WE MAY HAVE A CHARGE PUMP PROBLEM.
	18:30 - 00:00	5.50	DRL	1	DRILL 14034' - 14116', 73', 13.27 FPH, WOB 10-14k, RPM 45-65 ON SURFACE, 60 DOWN HOLE, 230 GPM GAS TO SURFACE
	00:00 - 06:00	6.00	WCL	1	8108u GAS TO SURFACE VENTING THROUGH BUSTER, CIRC OUT GAS ON BUSTER, 12-25' FLARE. PUMP PRESSURE STARTED FALLING OFF @ 14101', NOT MUCH INCREASE IN FLOW UNTIL JUST BEFORE GAS HIT SURFACE. LOOSING 8.5 BPH MUD, CIRC W/ 15-25' FLARE, BGG 300 - 400u THROUGH BUSTER.
	06:00 - 14:30	8.50	WCL	1	CIRC OUT GAS ON CHOKE, RAISED WT F/ 13.3 - 13.5, SHUT IN WELL CHECK F/ PRESSURE, NONE. CIRCULATED BOTTOMS UP 3 TIMES, THEN CHECKED F/ FLOW. NONE, STARTED TO CIRCULATE, FLOW F/ 0 - 50%, VERY SPRATIC. FLOW STEADY WHILE ON CHOKE, GAINING VOLUME WHILE CIRCULATING, RUNNING 7 BPH OF MU WATER.
5/22/2007	14:30 - 03:00	12.50	DRL	1	DRILL 14116' - 14330', 214', 17.12 FPH, WOB 2-8, RPM 120, 60 ON SURFACE, 60 DOWN HOLE, FLOW HAS BEEN ERATIC SINCE WE HAVE BEEN BACK TO DRILLING, THIS TIME IT LOOKS AS THOUGH WE TOOK ABOUT A 50 BBL GAIN. WHEN GAS HIT SURFACE IT BLEW THE FLOW SENSOR OUT OF THE FLOW LINE.
	03:00 - 06:00	3.00	WCL	1	SHUT IN WELL, FCP AT 1100 PSI AND CLIMBING WITH CHOKE 1/2 OPEN, 3" CHOKE LINE LEAKING, SI WELL TO FIX & SICP HIT 1750 IN 3 MIN. OPENED CHOKE BACK UP FCP @ 1600 W/ CHOKE 1/4 OPEN. HAVE NOT TRIED TO GET A SIDPP AS SHOE IS ONLY GOOD TO 2650 PSI WILL TRY TO GET MUD ON BACK SIDE, APPEARS TO BE LOOSING FLUID AS DPP WILL CLIMB TO 1100 PSI & FALL OFF TO 1070 PSI, FCP WILL FALL TO 1600 THEN CLIMB TO 1700-1800.
	06:00 - 20:00	14.00	WCL	1	CIRC OUT GAS ON CHOKE, RAUSED MW F/ 13.6 PPG TO 14.0 PPG, MADE 3 COMPLETE CIRCULATIONS, SICP 0. SIDPP 0. OPNED ANNULAR, NO FLOW. CHANGE OUT ROTATING HEAD BERRING ASSM. WELL SWABBING WHEN WE PULLED STAND TO CHANGE UT HEAD.
	20:00 - 20:30	0.50	WCL	1	STARTED TO CIRC THROUGH BUSTER, GAINED 52 BBL
5/22/2007	20:30 - 22:00	1.50	WCL	1	SIW & CIRC OUT GAS ON CHOKE, RAISING MW TO 14.2 PPG. ON CIRC #2 AT PRESENT, CHOKE FULL OPEN, MW IN 14.2, MW OUT 13.9 GAS CUT, GAINING FLUID SINCE 01:45, PARTIAL MU WATER, PARTIAL BARITE ADDITIONS, BUT STILL SEEM TO BE IN EXCESS OF THAT. WILL SEE BOTTOMS UP AROUND
	22:00 - 06:00	8.00	WCL	1	

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/22/2007	22:00 - 06:00	8.00	WCL	1	06:00
5/23/2007	06:00 - 06:00	24.00	WCL	1	CIRC OUT GAS ON CHOKE, MADE 3 CIRCULATIONS, CHECK F/ FLOW, WELL STATIC F/ 3 MIN, THEN FLOWING 27 BPH, SURGING, LET WELL FLOW 30 MIN, GAINED 6 BBL ACCORDING TO PVTS. SI & MONITOR PRESSURES, SICP STABILIZED @ 340, SICP SLOW STROKE PUMP, FLOAT OPENED @ 275 SIDPP. CIRC & RAISED WT TO 14.7 PPG, FIRST ROUND, THEN TO 15.0 ON SECOND ROUND. CIRC ROUNG #3 BEFORE CHECKING F/ FLOW, MW IN 15.0, MW OUT 14.6 AT REPORT TIME.
5/24/2007	06:00 - 07:00	1.00	CIRC	1	CIRCULATE THROUGH CHOKE
	07:00 - 07:30	0.50	OTH		OPEN ANNULAR AND CHECK FOR FLOW (NO FLOW)
	07:30 - 09:30	2.00	CIRC	1	CIRCULATE BOTTOMS UP TO SEE GAS/ FLARE SIZE (6'-8')/5400 GAS UNITS PEAK
	09:30 - 16:30	7.00	DRL	1	RESUME DRILLING FROM 14,330 TO 14,450 (ROP 17' HR) WOB 10K, 44 ROT, 92 STROKES,
	16:30 - 17:30	1.00	RIG	1	RIG SERVICE /GREASE RIG AND TOP DRIVE
5/25/2007	17:30 - 02:30	9.00	DRL	1	DRILLING FROM 14,450 TO 14,644 (ROP 21.5' HR.)
	02:30 - 03:30	1.00	CIRC	1	CIRCULATE GAS HAD 11 BBL GAIN AND GAIN IN GAS UNITS,
	03:30 - 06:00	2.50	DRL	1	DRILLING FROM 14,644 TO 14,690 (ROP 18.4' HR.)
	06:00 - 10:30	4.50	DRL	1	DRILLING FROM 14,690 TO 14,775 (ROP 18.9' HR) WOB 8-10/ ROT. RPM 44/ SPM 92
	10:30 - 11:00	0.50	CIRC	1	CIRCULATE GAS- LOST TOTAL RETURNS FOR 5-7 MIN (DRY GAS 15-20' FLARE) REGAIN RETURN WITH NO LOSSES
	11:00 - 19:30	8.50	DRL	1	DRILL FROM 14,775 TO 14,890 (ROP 13.5' HR) TRY DIFFERNT PERAMITORS TO GET TO DRILL-NO LUCK FRILLING A STEADY 7'-9' HR
	19:30 - 21:30	2.00	CIRC	1	CIRCULATE BOTTOMS UP & BUILD PILL FILL TRIP TANK
	21:30 - 22:00	0.50	SUR	1	DROP SURVEY
	22:00 - 22:30	0.50	CIRC	1	PUMP 1# OVER PILL AND SPOT
	22:30 - 23:30	1.00	TRP	10	TRIP OUT FOR BIT #23 AND MUD MOTOR TO 13046, (HOLE NOT TAKING PROPER FILL STOPPED AND CHECK FOR FLOW-SLIGHT FLOW
5/26/2007	23:30 - 03:30	4.00	CIRC	1	CIRCULATE BOTTOMS UP TWICE WHILE BUILDING #2 SLUG/GAS IS FEEDING IN FROM BOTTOM SO DISCUSSED WITH STEVE AND DECIDED TO TRIP TO BOTTOM AND BRING WT UP
	03:30 - 05:00	1.50	TRP	2	TRIP IN 19 STANDS
	05:00 - 06:00	1.00	CIRC	1	CIRCULATE THROUGH HALF CHOKE HOLDING STAND PIPE PSI @ 1200-CASING 900/ (PUMP WENT DOWN WENT TO SWITCH PUMP AND GAIN 30 BBLs, SHUT IN WELL 1900 PSI ON CSING
	06:00 - 11:00	5.00	CIRC	1	CIRCULATING THROUGH CHOKE-OFF CHOKE @ 6:45-BOTTOMS UP 30-35' FLARE/30 BBL GAIN, BRING MUD WT UP TO 15.5 ALL THE WAY AROUND, BUILD 2# SLUG TO SPOT
	11:00 - 12:00	1.00	CIRC	1	SPOT #2 OVER PILL ALL IN OPEN HOLE AND INTO CASING 20 FEET
	12:00 - 13:00	1.00	TRP	10	TRIP OUT OF HOLE 10 STANDS (SLOW) (NOT TAKING PROPER AMOUNT OF FLUID (NONE GOING BACK INTO PIT IN OVER FILL TUBE)
	13:00 - 13:30	0.50	OTH		STOPPED CHECK FOR FLOW WELL STILL FLOWING BUT WASN'T GAINING IN MUD TANKS, CHECKED EQUIPMENT-CHARGE PUMP WAS ON HAND IN PUMP HOUSE, CHECK FLOW GAIN (NO FLOW)
	13:30 - 14:30	1.00	TRP	12	TRIP TO SHOE (WET)-SLOW
	14:30 - 15:00	0.50			PUMP DRY SLUG AND FILL TRIP TANK CHECK FLOW (NO FLOW)
	15:00 - 20:00	5.00	TRP	12	TRIP OUT OF HOLE
	20:00 - 21:00	1.00	OTH		HANDLE BHA AND CHANGE MUD MOTOR AND BI CENTER BIT/ SURVEY 1.2 @14,836 (FUNCTION TEST BOPE EQUIP MENT)
	21:00 - 04:00	7.00	TRP	2	TRIP IN HOLE TO SHOE BREAK CIRCULATION AT BHA AND EVERY 33 STANDS DEPTHS- 1292, 4116, 7417, 10,622 (RAN 3 FT FLARE ON TRIP IN / WELL WAS NOT FLOWING ON FLOW CHECKS)

Questar E & P
Operations Summary Report

Page 21 of 23

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/26/2007	04:00 - 04:30	0.50	CIRC	1	BREAK CIRCULATION @ SHOE
	04:30 - 06:00	1.50	RIG	6	SLIP AND CUT DRILLING LINE @ SHOE (18 WRAPS)
5/27/2007	06:00 - 07:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE FUNCTION ANNULAR
	07:00 - 07:30	0.50	TRP	2	TRIP IN TWELVE STANDS-SLOW
	07:30 - 08:00	0.50	CIRC	1	BREAK CIRCULATION, CIRCULATE 1/2 OF 2# SLUG INTO CASING TO BLEND
	08:00 - 08:30	0.50	TRP	2	TRIP IN 11 STANDS SLOW
	08:30 - 10:30	2.00	CIRC	1	CIRCULATE BOTTOMS UP/ WASH TO BOTTOM STAGE PUMP UP TO BREAK CIRCULATION, PEAK GAS 1600 UNITS NO GAIN IN MUD OR FLOW
5/28/2007	10:30 - 06:00	19.50	DRL	1	DRILL FROM 14890 TO 15180 (ROP 14.8' HR)
	06:00 - 13:30	7.50	DRL	1	DRILL FROM 15,180 TO 15,291 (ROP 14.8' HR)-GAS FROM DEPTH OF 15206, HAD FLOW INCREASE AND AN 18 BBL GAIN IN PITS
	13:30 - 14:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
5/29/2007	14:30 - 06:00	15.50	DRL	1	DRILL FROM 15,291 TO 15,490 (ROP 12.8' HR)
	06:00 - 14:00	8.00	DRL	1	DRILL FROM 15,490 TO 15,583 (ROP 11.6' HR)
	14:00 - 15:00	1.00	RIG	1	RIG SERVICE- GREASE BLOCKS, SWIVEL AND COMPOUND, TOPDRIVE
	15:00 - 19:30	4.50	DRL	1	DRILL FROM 15,583 TO 15654 (ROP 15.7) HAVING TO KEEP WOB 15, CLAY LIKE SILT STONE COMING OVER SHAKERS
	19:30 - 22:30	3.00	CIRC	1	CIRCULATE BOTTOMS UP 2 TIMES TO CLEAN OUT GAS IN WELL BORE, GAS WAS FROM DEPTH OF 15,623 CALCULATED, GAINED 30 BBL AND FLARE 15-20' HIGH, GAS UNITS BEST-6100 UNITS SURGED WHEN GAS HIT SHAKERS BROUGHT MUD WT TO 15.5
5/30/2007	22:30 - 06:00	7.50	DRL	1	DRILL FROM 15,654 TO 15,720 (ROP 8.8' HR.)
	06:00 - 09:30	3.50	DRL	1	DRILL FROM 15,720 TO 15,777 (ROP 16.2' HR)
	09:30 - 10:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	10:30 - 11:30	1.00	DRL	1	DRILL FROM 15,777 TO 15,805 (ROP 28' HR)
	11:30 - 12:30	1.00	CIRC	1	CIRCULATE OUT GAS THROUGH CHOKE PIT GAIN OF 40 BBL.S/ 100 PSI ON CASING PRESSURE ON FULL OPEN CHOKE
	12:30 - 13:00	0.50	DRL	1	DRILL FROM 15,805 TO 15,841 (ROP 72' HR)
	13:00 - 13:30	0.50	CIRC	1	CIRCULATE THRU CHOKE ON SECOND BOTTOMS UP-IT HAD A GOOD PUSH TO IT/PICKED UP AND PUT ON THE CHOKE GAINED 28 BBL.S
	13:30 - 06:00	16.50	DRL	1	DRILL FROM 15,841 TO 16,022 (ROP 10.9' HR) (BROUGHT MW TO 15.6 TO CONTROL CONNECTION GAS SEEMS TO BE HOLDING CONNECTION GAS BACK)
5/31/2007	06:00 - 10:00	4.00	DRL	1	DRILLING FROM 16,022 TO 16,069 (ROP 11.75' HR)
	10:00 - 11:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	11:00 - 06:00	19.00	DRL	1	DRILL FROM 16,069 TO 16,295 (ROP 11.89' HR) @ 16,209 SLOWED DOWN TO 9 FOOT A HOUR, CHANGE BIT PERAMETERS NO CHANGE/ CHECKED WITH MUD LOGGER CHANGED FROM 80% SHALE, 10% SILTSTONE, 10% SANDSTONE CHANGED TO 50% SHALE, 50% SILTSTONE STARTED PICKING UP @ 16,269
6/1/2007	06:00 - 11:30	5.50	DRL	1	DRILL FROM 16,295 TO 16,360 (ROP 11.8' HR) WOB 15, DHRPM 110, MW 15.5
	11:30 - 12:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	12:30 - 18:00	5.50	DRL	1	DRILL FROM 16,360 TO 16,452
	18:00 - 06:00	12.00	RIG	2	WORK ON SWAB, LINER, DIS-CHARGE MODULE ON #2 MUD PUMP OFF BULL WHEEL SIDE/ #1 MUD PUMP CROSS HEAD OUT PUMP IS UNOPERATABLE, CHANGE OUT SWIVEL PACKING ALSO (CAN'T CIRCULATE, WORK PIPE UP AND DOWN)WELL STARTED FLOWING 1 BBL HR SHUT IN WELL AT 00:00, @ 2:30 WELL HAD ZERO CASING PRESSURE OPEN WELL AND RE CHECK FLOW AND WORK PIPE (WELL FLOWING 3/4 BBL AN HOUR) RE SHUT IN WELL
6/2/2007	06:00 - 10:30	4.50	RIG	2	WORK ON #2 PUMP MODULE,COULDN'T GET HEX-BOLT'S OUT OF MODULE, MONITORING WELL (#1 PUMP HAS X-HEAD OUT)# PUMP WAS READY @ 11:30

Printed: 6/8/2007 2:24:13 PM

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Operations Summary Report

Page 22 of 23

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/2/2007	10:30 - 15:00	4.50	CIRC	1	CIRCULATE GAS-BOTTOMS UP TWICE WITH HALLIBURTON (5 BBL MIN) FIRST HAD A GOOD PUSH HAD TO SHUT IN AND HOLD 3/4 CHOKE WITH 300 PSI ON CHOKE HAD 32 BBL GAIN, GAS UNITS ALL OVER DUE TO LEVEL OF MUD AT SHAKERS 35' FLARE AT PEAK
	15:00 - 16:30	1.50	CIRC	1	SPOT 190 BBL PILL 17.4 OVER FOLLOWED BY 130 BBL 15.5 MUD
	16:30 - 01:00	8.50	TRP	2	TRIP OUT OF HOLE SLOW TO SHOE-TIGHT SPOTS AT 15,510, 15,164 PULLED UP WORKED DOWN AND PULLED THROUGH WITH REG. DRAG (LOOKS GOOD) FLOW CHECKED AT SHOE (NO FLOW)
	01:00 - 02:30	1.50	TRP	1	HANDLE BHA LAY DOWN MUD MOTOR AND PICK UP HIGH SPEED MUD MOTOR AND SURFACE TEST 200 GPM 500 PSI, PICK AND LAY DOWN JARS
6/3/2007	02:30 - 06:00	3.50	TRP	2	TRIP IN HOLE FILL PIPE AT BHA, AND EVERY 3 ROWS
	06:00 - 09:30	3.50	TRP	2	TRIP IN HOLE WITH IMPREG AND HIGH SPEED MUD MOTOR, FILL EVERY 33 STANDS TO SHOE FILLS BHA, 4463, 7816, 10,675, 12,738
	09:30 - 10:30	1.00	OTH		INSTALL ROTATING RUBBER (PULL STRIPPING RUBBER OUT OF ROTATING HEAD)
	10:30 - 11:30	1.00	OTH		FIX OIL LEAKS ON TOP DRIVE, CHANGE SAVER SUB, GRABBER DIES
	11:30 - 12:00	0.50	TRP	2	TRIP IN 20 STANDS IN OPEN HOLE (SLOW)
	12:00 - 12:30	0.50	CIRC	1	BREAK CIRCULATEION, CIRCULATE HEAVY PILL INTO CASING (BLEND)
	12:30 - 13:00	0.50	TRP	2	TRIP AND SCREW INTO LAST STAND TO CIRCULATE BOTTOMS UP
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE 2# OVER SLUG OUT OF HOLE WHILE WASHING TO BOTTOM
	14:00 - 14:30	0.50	OTH		CHANGE OUT GASKET ON ROTATING HEAD (LEAKING MUD IN SUB AND FILLED CELLUR
	14:30 - 16:00	1.50	CIRC	1	CIRCULATE 2# OVER SLUG OUT OF HOLE HAD 23 BBL GAIN, 10' FLARE, 7002 UNITS OF PEAK GAS
	16:00 - 20:00	4.00	DRL	1	DRILLING FROM 16,452 TO 16,472 (ROP 5' HR)
	20:00 - 20:30	0.50	RIG	2	RIG REPAIR SHUT DOWN DRILLING TO PULL OFF PUMP SHED TOP AND PUMP OUT WITH CRANE
6/4/2007	20:30 - 06:00	9.50	DRL	1	DRILLING FROM 16, 472 TO 16,522 (ROP 5.25' HR) WOB 12/ ROT 65/ GPM 242/ DHRPM 522
	06:00 - 13:00	7.00	DRL	1	DRILL FROM 16,522 TO 16,559 (ROP 5.2' HR) WOB 12, ROT 65, DHRPM 527 (DAKOTA SILT CAME IN @ 16,516)
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE (GREASE COMPOUND, DRAW-WORKS, TOP DRIVE, SWIVEL PACKING)
6/5/2007	14:00 - 06:00	16.00	DRL	1	DRILL FROM 16,559 TO 16,661 (ROP 6.3' HR) WOB 14, ROT 65, DHRPM 527
	06:00 - 12:30	6.50	DRL	1	DRILL FROM 16,661 TO 16,721 (ROP 9.2' HR) TALK TO BLM FOR EXTENSION FOR BOPE TEST TALKED TO RAY ARNOLD AND IT WAS OKED BY MATT BAKER
6/6/2007	12:30 - 13:30	1.00	RIG	1	RIG SERVICE, GREASE TOP DRIVE, COMPOUND, DRAW-TOOL
	13:30 - 06:00	16.50	DRL	1	DRILL FROM 16,721 TO 16,878 (ROP 9.5' HR)
	06:00 - 10:00	4.00	DRL	1	DRILL 16,878 TO 16,916 (ROP 9.5' HR) WOB 13, RPM 62, DHRPM 497
	10:00 - 11:00	1.00	RIG	1	SERVICE TOP DRIVE, COMPOUND, SWIVEL, DRAWTOOL
	11:00 - 03:30	16.50	DRL	1	DRILL 16,916 TO 17,045 (ROP 7.8' HR) WOB 15, RPM 65, DHRPM 500
6/7/2007	03:30 - 04:00	0.50	OTH		WORK TIGHT HOLE ON CONNECTION, WORK UP THROUGH (WANTED TO PACK OFF), WORK BACK TO BOTTOM 1' OF TIGHT SPOT
	04:00 - 06:00	2.00	DRL	1	DRILL 17,045 TO 17,060 (ROP 7.5' HR) WOB 15, RPM 65, DHRPM 500
	06:00 - 14:00	8.00	DRL	1	DRILL 17060' - 17110', 50', 6.25 FPH, WOB 14K, RPM 65 ON SURFACE & 500 DOWN HOLE
	14:00 - 15:30	1.50	RIG	1	SREVICE RIG & TOP DRIVE, WORK TIGHT CONNECTION FOR AN HOUR OF THIS
	15:30 - 16:00	0.50	DRL	1	DRILL 17110' - 17114', 4' CALLED TD FOR THIGH CONNECTIONS, RAISING MW TO 15.5 PPG
	16:00 - 21:00	5.00	CIRC	1	CIRC & COND F/ SHORT TRIP, RAISING MW TO 15.5 PPG.
	21:00 - 22:30	1.50	TRP	14	STARTED SHORT TRIP, FIRST 5 STANDS TIGHT, PUMPED OUT #2 & 3

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Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/7/2007	22:30 - 23:00	0.50	CIRC	1	PUMPED 30 BBL PILL, CAME WET, PULLED 3 MORE STANDS, PUMP MORE PILL
	23:00 - 01:30	2.50	TRP	14	FINISHED SHORT TRIP WET, WASHED LAST 90' TO BOTTOM. NO FILL
	01:30 - 06:00	4.50	CIRC	1	C&C, GAINED 52 BBL, SHUT WELL IN & CIRC THOROUGH CHOKE, OPENED WELL BACK UP, INCREASED STROKES, PRESSURE CAME UP, PIPE MOVES FREE, WHEN YOU SHUT DOWN THE PUMP THE PRESSURE DROPS RIGHT OFF. 05:45, MOVED PIPE DOWN & SET 3K ON BIT, PRESSURE DROPPED OFF, AS OF NOW PRESSURES ARE ABOUT RIGHT.
6/8/2007	06:00 - 10:00	4.00	CIRC	1	C&C, CIRCULATE OUT GAS, MAINTAIN 15.5 PPG MW. MUD MOTOR PRESSURING UP. SET WT ON BIT AND PRESSURE WOULD FALL OFF FOR A WHILE.
	10:00 - 12:30	2.50	TRP	2	TOH 7 STANDS, PUMPED OUT #2 & 3, ROTATED THE REST OUT WITH OUT PUMP.
	12:30 - 13:30	1.00	CIRC	1	C&C, MOTOR LOCKED UP, BLEW A NAIL
	13:30 - 14:00	0.50	RIG	2	REPLACE NAIL IN POP OFF.
	14:00 - 17:30	3.50	CIRC	1	CIRC W/ HALIBURTON, BLEW THE PACKING OUT OF DRIVER SIDE PUMP, CIRC W/ 1 PUMP, BLEW PACKING OUT OF IT ALSO.
	17:30 - 23:00	5.50	CIRC	1	CIRC W/ RIG PUMP @ 53 SPM @ 3 BPM @ 2800 PSI. SPOTTED 250 BBLOF 17.5 PPG MUD @ 16462', & DISPLACED W/ 175 BBL OF 15.5 PPG MUD
	23:00 - 06:00	7.00	TRP	2	TOH F/ LOGS W/ SLM, WET & SLOW HOPE TO BE RIGGING UP LOGGERS BY NOON

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Questar E & P					Page 1 of 25
Operations Summary Report					
Well Name: GB 1M-4-8-22R				Spud Date: 1/24/2007	
Location: 4- 8-S 22-E 26				Rig Release: 6/16/2007	
Rig Name: ENSIGN				Rig Number: 24	
43-042-38990					
Date	From - To	Hours	Code	Sub Code	Description of Operations
1/24/2007	06:00 - 08:00	2.00	LOC	4	RIG DOWN TO SKID RIG FOR TRUCKS
	08:00 - 10:00	2.00			RIG UP CRAINE, TRUCKS TO PULL FRONT TWO MATS
	10:00 - 15:30	5.50	LOC	4	DIG CELLAR IN STALL RING
	15:30 - 17:00	1.50	LOC	4	SLID RIG 10' AHEAD W/ 4 TRUCKS, CRAINE , 2 D-8 CATS
	17:00 - 00:00	7.00	LOC	4	RIG BACK UP FRONT YARD
1/25/2007	00:00 - 06:00	6.00	TRP	1	PICK UP DP STAND IN DERRICK
	06:00 - 10:00	4.00	LOC	4	SET GAS BUSTER, CHOKE HOUSE IN W/ CRAIN, FLOW LINE
	10:00 - 12:00	2.00			TRYING TO SCREW IN TO BHA STANDING DERRICK
	12:00 - 13:00	1.00			KICK PUMPS IN FROZE IN TOP DRIVE
	13:00 - 16:00	3.00			STAND BHA BACK IN DERRICK TOP DRIVE BACK OUT DRILL PIPE IN TOP OF
1/26/2007					MONEL DC HAD TO GET SCREWED BACK IN MONEL DC
	16:00 - 17:00	1.00	RIG	5	UNTHAW TOP DRIVE IN UPPER KELLY COCK
	17:00 - 18:00	1.00	TRP	1	PICK UP BHA
	18:00 - 21:00	3.00	DRL	1	SPUD IN 17 1/2 HOLE @ 1800 1/24/2007 DRILLING F/21 TO 47'
	21:00 - 22:00	1.00	RIG	2	TIGHT UP STAND PIPE UNION
	22:00 - 02:30	4.50	DRL	1	DRILL F/ 47 TO 258
	02:30 - 05:00	2.50	TRP	2	LAY DOWN 6 DP, TO 2 STD 6 5/8 HWD
	05:00 - 06:00	1.00	REAM	1	WASH 90' TO BOTTOM
	06:00 - 06:30	0.50	SUR	1	SURVEY @ 261 1.2 DEG 54.0 AZ
	06:30 - 10:30	4.00	DRL	1	DRILL F/ 258 TO 350
	10:30 - 11:00	0.50			CLEAN OUT SUCTION&DISCHARGE LINE ON CELLAR PUMP
	11:00 - 11:30	0.50	DRL	1	DRILLING F/ 350 TO 374
	11:30 - 12:30	1.00	TRP	2	L/D 5 JTS. PIPE & RUN IN 6 5/8 HWD
	12:30 - 16:30	4.00	DRL	1	DRILLING F/374 TO 526'
	16:30 - 17:00	0.50	SUR	1	SURVEY @ 476' 1.7 DEG 39.4 AZ
1/27/2007	17:00 - 18:30	1.50	TRP	14	SHORT TRIP TO BIT(SLM BOARD 526.0 STRAP 528.33 NO CORR.)
	18:30 - 19:30	1.00	CIRC	1	CIRC. SWEEP AROUND RUN 13 3/8 CSG.
	19:30 - 22:00	2.50	TRP	2	TRIP OUT RUN 13 3/8 CASING, L/D IBS, SHOCK SUB
	22:00 - 00:00	2.00	CSG	1	RIG UP CASING CREW, CHANGE OUT BAILES ON TOP DRIVE
	00:00 - 03:00	3.00	CSG	2	RUN 12 JTS 13 5/8 CASING K-55 # 54.5 W/ WESTSTATE CASING
	03:00 - 04:00	1.00	CIRC	1	RIG UP CIRC 13 3/8 CSG.
	04:00 - 06:00	2.00	CMT	2	RIG CMT. HELD SAFTY MEETING CMT. 13 3/8 CSG
	06:00 - 07:00	1.00	CMT	2	CEMENT 13 3/8 CSG. W/ 500 SK. TYP 3 0.2 VERASET, 1% CALCIUM CHLORID, 0.125#/SK POLYFLACK #14.5 PPG.YIELD 1.40 RETRUNED 9.5 BBL TO PIT
					FLOAT HELD.PLUG DOWN @ 06:30 RIG DOWN CEMENTER
					WOC
1/28/2007	07:00 - 12:00	5.00	WOT	1	CUT OFF PIPE, CHIP CMT DOWN 1 FT. FOR BASE PLATE ON HEAD, WELD ON
	12:00 - 18:00	6.00	BOP	1	HEAD, TEST TO 1,000 PSI
	18:00 - 06:00	12.00	BOP	1	NIPPLE UP BOPS
	06:00 - 19:00	13.00	BOP	2	TEST BOPS,HAD RETIGHT ALL FLANGE, TESTED HYDRILL,WING VAVLES,
					UNTHAW HCR VALVE,TESTED HCR
1/29/2007	19:00 - 20:00	1.00	RIG	2	CHANGE OUT 4 1/2 PIPE RAMS, BLOCKS
	20:00 - 22:00	2.00	BOP	2	TEST UPPER KELLY,
	22:00 - 00:00	2.00	RIG	2	FLIP PIPE RAMS OVER
	00:00 - 01:00	1.00	BOP	2	CHANGE OUT TEST JT.UNTHAW TOP DRIVE
	01:00 - 02:00	1.00	BOP	2	RETEST PIPE RAMS,NO GOOD
	02:00 - 06:00	4.00	RIG	2	NIPPLE DOWN BOPS,WAIT ON NEW DOUBLE GATE FROM QUAIL OUT
	06:00 - 17:00	11.00	WOT	4	CASPER SHOULD BE HEAR @ 12:00 TO DAY
					NIPPE DOWN BOPS , WAIT ON DOUBLE GATE F/ QUAIL IN CASPER,
1/29/2007					UNTHAW KELLY HOSE,PUT KELLY HOSE EXT.PIPE ON TO KEEP HOSE OFF
					TOP DRIVE
	17:00 - 23:00	6.00	BOP	1	NIPPLE UP BOPS
	23:00 - 06:00	7.00	BOP	2	TEST BOPS PIPE RAMS, BLINDS, CHOKE MANFOILD, WING VALVE, HCR,

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Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/29/2007	23:00 - 06:00	7.00	BOP	2	CHECK VALVE UPPER, LOEWR KELLY VAVLE, LOW, 250 PSI 5MINS, HIGH 5,000 10 MIN, HY DRILL 250 LOW 5MIN. HIGH 2500 PSI 10 MINS. TEST CASING TO 1500 PSI FOR 30 MINS OK
1/30/2007	06:00 - 13:30	7.50	RIG	2	NIPPLE DOWN ROTATING HEAD ADD 14" TO SPOOL WAIT ON WELDER, REDUE SPOOL FOR ROTATING HEAD,INSTALL WEAR BUSHING, DRILL MOUSE HOLE,
	13:30 - 19:00	5.50	RIG	2	NIPPLE UP ROTATING HEAD, HOOK UP FLOW LINE
	19:00 - 20:30	1.50	BOP	1	PUT TRUN BUCKLES ON BOP , CENTER BOP UP TO ROTARY TABLE
	20:30 - 00:00	3.50	TRP	1	P/ UP BHA
	00:00 - 01:00	1.00	TRP	2	TRIP IN HOLE TAGED CMT AT 470'
	01:00 - 04:30	3.50	DRL	1	DRILLING CMT ,FLOAT COLLAR, SHOE, & 10' NEW HOLE
	04:30 - 05:30	1.00	EQT	2	RIG UP , FIT TEST TO 61 PSI = 10.5 MUD WT BLEAD OFF 10 PSI IN 5MINS TESTED W/ SINGLE JACK TESTING
1/31/2007	05:30 - 06:00	0.50	TRP	3	LAY DOWN SLICK JT . DP , UP SPIRAL HWDP
	06:00 - 09:30	3.50	DRL	1	DRILLING F/ 526 TO 720
	09:30 - 11:00	1.50	CIRC	1	CIRC WHILE WORKING ON PASON EQUIPT.
	11:00 - 12:30	1.50	DRL	1	DRILLING F/ 720 TO 812
	12:30 - 13:00	0.50	OTH		CIRC. WORK ON TOP DRIVE STALLING OUT W/ 10,000 WT
	13:00 - 13:30	0.50	DRL	1	DRILLING F/812 TO 830
	13:30 - 14:00	0.50	OTH		CIRC. WORK ON TOP DRIVE
	14:00 - 15:30	1.50	DRL	1	DRILLING F/ 830 TO 904
	15:30 - 16:00	0.50	RIG	1	RIG SER.
	16:00 - 17:30	1.50	DRL	1	DRILLING F/ 904 TO 953
	17:30 - 20:00	2.50	OTH		WORK ON TOP DRIVE FILLTER COLAPSED
	20:00 - 20:30	0.50	DRL	1	DRILL F/ 953 TO 1035
	20:30 - 21:30	1.00	SUR	1	SURVEY @ 1,000' 1.6 DEG 35.2 AZ
	21:30 - 01:00	3.50	DRL	1	DRILL F/ 1035 TO 1147'
	01:00 - 02:30	1.50	OTH		CIRCULATE AND WORK PIPE WHILE CHANGE OUT FLITERS ON TOP DRIVE 12 FILTERS ALL IN BAD CONDITION.
2/1/2007	02:30 - 06:00	3.50	DRL	1	DRILL F/ 1147' TO 1250
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 1250' TO 1483'
	13:00 - 15:30	2.50	RIG	2	WAITTING ON WELDER AND REPAIR STAND PIPE
	15:30 - 17:00	1.50	DRL	1	DRILLING FROM 1483' TO 1514'
	17:00 - 18:00	1.00	SUR	1	RAN WIRE LINE SURVEY AT 1444' 1.9 DEG. 37.30 AZI
	18:00 - 20:30	2.50	DRL	1	DRILLING FROM 1514' TO 1544'
	20:30 - 23:00	2.50	TRP	13	TRIP OUT OF HOLE TO CASING SHOE DUE TO MOTOR FAILURE ON TOP DRIVE
	23:00 - 03:00	4.00	RIG	2	CHANGE OUT TOP MOTOR ON TOP DRIVE, AND TESTED MOTOR
	03:00 - 04:30	1.50	TRP	13	TRIP IN HOLE TO 1079'
2/2/2007	04:30 - 06:00	1.50	REAM	1	WASH AND REAM FROM 1079' TO 1544'
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 1544' TO 1734'
	13:00 - 15:30	2.50	OTH		REPAIR PASON
	15:30 - 20:30	5.00	RIG	2	WELDER REPAIR DISCHARGE LINE ON PUMP # 2
	20:30 - 22:00	1.50	DRL	1	DRILLING FROM 1734' TO 1796'
	22:00 - 23:00	1.00	CIRC	1	MADE CONNECTION HOLE PACKING OFF BENT TWO JOINTS PIPE CIRCULATED HI VIS SWEEP
	23:00 - 00:30	1.50	DRL	1	DRILLING FROM 1796' TO 1801'
	00:30 - 02:00	1.50	RIG	2	REPAIR MUD PUMP CHANGE SWAB #1 PUMP
	02:00 - 06:00	4.00	DRL	1	DRILLING FROM TO 1801' TO 1920'
2/3/2007	06:00 - 11:00	5.00	DRL	1	DRILLING FROM 1900' TO 2017'
	11:00 - 11:30	0.50	RIG	1	SERVISE RIGRIG SERVICE
	11:30 - 12:00	0.50	OTH		INSTALL ROTATING HEAD
	12:00 - 22:00	10.00	DRL	1	DRILLING FROM 2017' TO 2203'

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/3/2007	22:00 - 22:30	0.50	OTH		REPAIR TOP DRIVE
	22:30 - 23:00	0.50	SUR	1	WIRE LINE SURVEY AT 2133' 1.7 DEG. 36.2 AZM
	23:00 - 06:00	7.00	DRL	1	DRILLING FROM 2203' TO 2275'
2/4/2007	06:00 - 08:30	2.50	DRL	1	DRILLING FROM 2275' TO 2309'
	08:30 - 09:00	0.50	CIRC	1	PUMP SWEEPS AND CIRCULATE
	09:00 - 12:30	3.50	TRP	10	TRIP OUT OF HOLE FOR BIT
	12:30 - 14:30	2.00	TRP	10	CHANGE OUT BIT AND TRIP IN HOLE TO SHOE
	14:30 - 15:00	0.50	RIG	1	SERVICE TOP DRIVE
	15:00 - 15:30	0.50	TRP	10	TRIP IN HOLE HIT BRIDGE AT 873'
	15:30 - 23:00	7.50	REAM	1	WASH AND REAM FROM 873' TO 2164 EXCESSIVE AMOUNTS OF PEE GRAVEL COMING BACK ACROSS SHALE SHAKERS, RAISING WT AND VIS
	23:00 - 00:00	1.00	RIG	2	CHANGE OUT KELLY SAVER SUB
	00:00 - 05:00	5.00	TRP	10	PACKED OFF WORKING TIGHT HOLE FROM 2164 BACK REAM UP TO
	05:00 - 06:00	1.00	CIRC	1	CIRC. AND RAISE WT TO 9.2, VIS TO 40, REAMING TO BOTTOM
2/5/2007	06:00 - 08:30	2.50	REAM	1	WASH AND REAM FROM 2197 TO 2314
	08:30 - 14:00	5.50	DRL	1	DRILLING FROM 2309 TO 2390
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	14:30 - 06:00	15.50	DRL	1	DRILLING FROM 2390 TO 2757
	06:00 -				NOTE: AFTER RAISING VIS AND WT, TORQUE WENT AWAY
2/6/2007	06:00 - 09:30	3.50	DRL	1	DRILLING FROM 2757 TO 2832
	09:30 - 10:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	10:00 - 12:30	2.50	DRL	1	DRILLING FROM 2832 TO 2895
	12:30 - 13:00	0.50	RIG	2	RIG REPAIR, FILL # 2 PUMP MOTOR WITH ANTIFREEZE
	13:00 - 06:00	17.00	DRL	1	DRILLING FROM 2895 TO 3230
2/7/2007	06:00 - 07:00	1.00	DRL	1	DRILLING FROM 3230 TO 3275
	07:00 - 07:30	0.50	RIG	2	RIG REPAIR DAY TANK ON # 2 PUMP RAN OUT OF FUEL
	07:30 - 10:30	3.00	DRL	1	DRILLING FROM 3275 TO 3339
	10:30 - 11:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	11:00 - 00:30	13.50	DRL	1	DRILLING FROM 3339 TO 3593
	00:30 - 01:30	1.00	RIG	2	RIG REPAIR # 2 PUMP, REPLACED VALVE & SEAT IN SUCTION
	01:30 - 06:00	4.50	DRL	1	DRILLING FROM 3593 TO 3664
2/8/2007	06:00 - 10:30	4.50	DRL	1	DRILLING FROM 3664 TO 3750
	10:30 - 11:30	1.00	RIG	2	CHANGE OUT MIDDLE DISCHARGE VALVE AND SEAT # 1 PUMP
	11:30 - 17:00	5.50	DRL	1	DRILLING FROM 3750 TO 3847
	17:00 - 18:00	1.00	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	18:00 - 19:00	1.00	DRL	1	DRILLING FROM 3847 TO 3870
	19:00 - 21:00	2.00	TRP	13	PRESSURE LOSS, BIT QUIT DRILLING, LOOKING FOR PRESSURE LOSS WENT THROUGH BOTH PUMPS
	21:00 - 22:00	1.00	TRP	13	MIX UP PILL
	22:00 - 22:30	0.50	TRP	13	DROP SURVEY
	22:30 - 23:00	0.50	TRP	13	PUMP PILL
	23:00 - 01:30	2.50	TRP	13	TRIP OUT FOR MOTOR
	01:30 - 06:00	4.50	TRP	13	TWO 2" HOSES BLEW INTO BETWEEN TOP DRIVE UNIT AND 1/4 WAY UP DERRICK, WHILE BREAKING OUT SAVER SUB TO PULL OUT HWDP NOTE: HAD 6 TH MAN CHANGE LINERS IN #1 PUMP TO 5 1/2
2/9/2007	06:00 -				WORKING ON TESCO TOP DRIVE, REPLACING 2" HOSES, PROBLEMS W/ BACK PRESSURE ON GRABBER
	06:00 - 12:30	6.50	OTH		TRIP OUT TO SHOE
	12:30 - 13:30	1.00	TRP	13	WORKING ON BACKPRESSURE ON GRABBER, REPLACE CHECK VALVE
	13:30 - 15:00	1.50	OTH		TRIP OUT, CHANGE OUT BIT AND MOTOR, CLOSE AND OPEN BLINDS, PIPES AND HYDRIL
	15:00 - 18:00	3.00	TRP	1	TRIP IN TO 1100', HIT BRIDGE, COULD NOT CIRCULATE THROUGH STRING
	18:00 - 23:00	5.00	TRP	13	

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/9/2007	23:00 - 02:00	3.00	TRP	13	TRIP OUT TO MOTOR,
	02:00 - 04:00	2.00	TRP	13	FLOAT BROKE, CLEAN JUNK OUT OF MOTOR
	04:00 - 05:30	1.50	TRP	2	TRIP IN WITH MOTOR AND IBS, CIRCULATE THROUGH BHA, GOOD
2/10/2007	05:30 - 06:00	0.50	TRP	2	TRIP IN WITH BHA
	06:00 - 07:00	1.00	TRP	2	TRIP INTO 1100
	07:00 - 07:30	0.50	OTH		INSTALL TRIP SLEEVE IN ROTATING HEAD
	07:30 - 16:00	8.50	REAM	1	WASH AND REAM FROM 1100' TO 3183
	16:00 - 17:00	1.00	OTH		INSTALL ROTATING HEAD RUBBER,
	17:00 - 18:00	1.00	REAM	1	HOLE PACKED OFF LOST CIRC, BACK REAM FROM 3207 UP TO 3200' NO CIRCULATION
	18:00 - 22:00	4.00	CIRC	2	LOST CIRC, PACKED OFF, BACK REAM FROM 3207 TO 3179, GOT RETURNS
	22:00 - 01:00	3.00	CIRC	1	CIRCULATE AND CONDITION MUD
	01:00 - 02:00	1.00	TRP	2	TRIP IN HOLE TO 3780
	02:00 - 04:00	2.00	REAM	1	WASH AND REAM FROM 3780 TO 3860
2/11/2007	04:00 - 05:00	1.00	RIG	2	RIG REPAIR, GO THROUGH # 2 PUMP CLEAN OUT ROCKS
	05:00 - 05:30	0.50	REAM	1	WASH AND REAM FROM 3860 TO 3870
	05:30 - 06:00	0.50	DRL	1	DRILLING FROM 3870 TO 3875
	06:00 - 08:00	2.00	DRL	1	DRILLING FROM 3875' TO 3927'
	08:00 - 09:30	1.50	RIG	2	REPAIR MUD PUMP # 2
	09:30 - 21:30	12.00	DRL	1	DRILLING FROM 3927' TO 4164'
	21:30 - 22:00	0.50	RIG	2	CHANGE OUT TWO SHAKER SCREEN ON ONE ON EACH SHAKER
	22:00 - 06:00	8.00	DRL	1	DRILLING FROM 4164' TO 4280, AT 4242' HOLE STARTED TAKING MUD AVERAGE 65 BBL / HR. ADDED 20 SKS NEW CARB, 20 SKS MICA, 20 SKS DYNA FIBER, AND 20 SKS ASH PHALT IN 1 HOUR 15MIN LOSSES WERE DOWN TO 12 BBLS / HOUR
	06:00 - 09:00	3.00	DRL	1	DRILLING FROM 4292' TO 4326'
	09:00 - 05:00	20.00	RIG	2	CIRCULATE AND CONDITION WHILE ATTEMPT TO REPAIRING # 2 MUD PUMP DISCHARGE, REPAIRS FAILED CHANGED OUT DISCHARGE MODULE
2/12/2007	05:00 - 06:00	1.00	DRL	1	DRILLING FROM 4326' TO 4340'
	06:00 - 11:00	5.00	DRL	1	DRILLING FROM 4340' TO 4379'
	11:00 - 12:00	1.00	SUR	1	DROP SURVEY AT 4309' 1.5 DEG 61.20 AZI
	12:00 - 19:30	7.50	TRP	10	TRIP OUT OF HOLE DUE TO PENETRATION RATE
	19:30 - 22:00	2.50	OTH		PULLED WEAR BUSHING TO CHECK WEAR, DRILL PIPE RIDING ON SIDE OF BOPS SLIGHT WEAR ON WEAR BUSHING RE RAN WEAR BUSHING
2/13/2007	22:00 - 02:30	4.50	TRP	10	MADE UP BIT # 5 SMITH MX9539 AND TRIP IN HOLE (1.5 HOURS TO LATCH ONTO STAND OF 8" DRILL COLLARS)
	02:30 - 04:00	1.50	RIG	6	SLIPPED AND CUT DRILL LINE
	04:00 - 06:00	2.00	OTH		ADJUST TOP DRIVE TRACK AND ALINE BOPS WITH ROTARY TABLE
	06:00 - 09:00	3.00	TRP	10	TRIP IN HOLE TO 4300
	09:00 - 10:30	1.50	REAM	1	SAFETY WASH 79' TO BOTTOM 20' OF FILL
	10:30 - 14:30	4.00	DRL	1	DRILLING FROM 4379 TO 4416
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE, SERVICE TOP DRIVE
	15:00 - 17:00	2.00	DRL	1	DRILLING FROM 4416 TO 4431
	17:00 - 18:00	1.00	RIG	2	RIG REPAIR, REPLACE SUCTION VALVE AND SEAT IN # 1 PUMP
	18:00 - 01:30	7.50	DRL	1	DRILLING FROM 4431 TO 4478
2/14/2007	01:30 - 05:00	3.50	RIG	2	RIG REPAIR # 1 PUMP SUCTION VALVE AND SEAT, BULL WHEEL SIDE, ALSO CHANGED VALVE IN DISCHARGE MIDDLE
	05:00 - 06:00	1.00	DRL	1	DRILLING FROM 4478 TO 4487
	06:00 - 10:30	4.50	DRL	1	DRILLING/ 4487 TO 4500
	10:30 - 13:00	2.50	RIG	2	CHANGE OUT VALVE, SEAT IN # 2PUMP CENTER POT
	13:00 - 13:30	0.50	RIG	1	RIG SER
	13:30 - 14:00	0.50	DRL	1	DRILL F/ 4500 TO 4520

Questar E & P
Operations Summary Report

Page 5 of 25

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release: 6/16/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/15/2007	14:00 - 15:00	1.00	CIRC	1	CIRC, MIX, PUMP SWEEP LMC (LOST 120 BBL. MUD)
	15:00 - 18:00	3.00	DRL	1	DRILL F/ 4520 TO 4584
	18:00 - 23:00	5.00	DRL	1	DRILL F/4584 TO 4619
	23:00 - 00:00	1.00	RIG	2	GO THRU #2 MUD PUMP, CHANGE OUT VALVES ON SUCTION AND DISCHARGE
	00:00 - 03:00	3.00	DRL	1	DRILL F/4619 TO 4641
2/16/2007	03:00 - 03:30	0.50	RIG	2	WORK ON #2 PUMP, CHANGE OUT VALVES IN MIDDLE SECTION
	03:30 - 06:00	2.50	DRL	1	DRILL F/4641 TO/
	06:00 - 10:00	4.00	DRL	1	DRILL F/ 4671' TO/ 4686' (LOST 100 BBLs MUD, DRAIN VALVE TO TRIP TANK WAS LEFT OPEN)
2/17/2007	10:00 - 13:00	3.00	REAM	1	REAMING, WORK TORQUE OUT
	13:00 - 16:00	3.00	CIRC	1	CIRCULATE & CONDITION MUD, MIX & PUMP DRY JOB
	16:00 - 18:30	2.50	TRP	10	T.O.O.H TO HWDP, SLM 4685'
	18:30 - 03:30	9.00	ISP	1	INSPECT BHA & LAY DOWN 4 JTS OF 4 1/2" HWDP
	03:30 - 06:00	2.50	TRP	1	LAY DOWN MOTOR, SHOCK TOOL, IBS STABILIZER, BIT
	06:00 - 07:00	1.00	TRP	1	LAY DOWN STABILIZER & MUD MOTOR
	07:00 - 08:00	1.00	TRP	1	TRIP IN, PICK UP & REPLACE 4 JTS 4 1/2 HWDP, JARS
	08:00 - 12:00	4.00	TRP	2	TIH
	12:00 - 14:00	2.00	REAM	1	WASH & REAM F/3254', T/3515'
	14:00 - 15:00	1.00	TRP	2	TIH
	15:00 - 15:30	0.50	REAM	1	WASH & REAM F/4602 T/ 4685
	15:30 - 16:00	0.50	DRL	1	DRILL F/ 4685 T/ 4688
	16:00 - 16:30	0.50	CIRC	1	CONDITION & CIRC, PUMP SWEEP
	16:30 - 17:30	1.00	DRL	1	DRILL F/ 4688' T/ 4701
	17:30 - 18:00	0.50	SUR	1	DEVIATION SURVEY @ 4610' (1.2 DEVIATION)
2/18/2007	18:00 - 18:30	0.50	DRL	1	DRILL F/4701 T/ 4707
	18:30 - 19:00	0.50	CIRC	2	LOST CIRCULATION, 100 BBL LOSS
	19:00 - 06:00	11.00	CIRC	1	WORK TIGHT SPOT, CIRC & COND MUD, JARING TIGHT HOLE @ 4693', 14FT OFF BOTTOM
	06:00 - 14:00	8.00	FISH	3	JARING ON STUCK PIPE @ 4693 UP TO 4672
	14:00 - 21:30	7.50	FISH	4	RIG UP WEATHFORD WIRE LINE TRUCK TO FREE POINT
	21:30 - 05:00	7.50	FISH	5	SPOT 300 LBS FRACK SAND IN MUD MOTOR DID NOT WORK SPOTED 300LBS SAND AGAN STILL DID NOT WORK
	05:00 - 06:00	1.00	FISH	3	JARING ON STUCK PIPE W/ ON STEEL BALL TO LOCK UP MOTOR SO WE CAN BACK OFF
	06:00 - 12:00	6.00	FISH	3	JARING ON STUCK PIPE, CAME FREE
	12:00 - 13:00	1.00	TRP	2	TRIP OUT 2 STANDS
	13:00 - 14:30	1.50	CIRC	1	CIRCULATE, MIX & PUMP PILL, L/D FREE POINT CREW
2/19/2007	14:30 - 18:00	3.50	TRP	2	T.O.O.H, L/D DRILLING JARS
	18:00 - 20:00	2.00	TRP	2	T.O.O.H
	20:00 - 22:00	2.00	TRP	1	L/D SHOCK SUB, MOTOR, PDC BIT, MONEL
	22:00 - 23:00	1.00	RIG	1	WORK ON TOP DRIVE
	23:00 - 00:00	1.00	TRP	1	P/U JUNK BASKET, MILL TOOTH BIT
	00:00 - 06:00	6.00	TRP	2	TRIP IN HOLE
	06:00 - 07:00	1.00	REAM	1	WASH 90' TO BOTTM 4617 TO 4707
	07:00 - 07:30	0.50	FISH	5	WORK JUNK SUB ON BOTTOM PICK UP BALL, NUTS
	07:30 - 08:00	0.50	DRL	1	DRILLING F/ 4707 TO 4718
	08:00 - 08:30	0.50	CIRC	1	CIRC, MIX & PUMP PILL
	08:30 - 12:00	3.50	TRP	2	TRIP OUT HOLE W/ JUNK SUB (CLOSED BLIND RAMS, WORKED PIPE RAMS)
	12:00 - 12:30	0.50	FISH	5	CLEAN OUT JUNK SUB (RECOVERED 176 STEEL BALL, 76 1/4, 1/2 NUTS)
	12:30 - 15:00	2.50	TRP	1	L/D BIT SUB, P/U MUD MOTOR, MONEL DC.
	15:00 - 18:30	3.50	TRP	2	TRIP IN HOLE
	18:30 - 19:00	0.50	REAM	1	WASH & REAM 30' TO BOTTOM, F/4688' T/ 4718'

Printed: 7/2/2007 1:06:47 PM

Questar E & P
Operations Summary Report

Page 6 of 25

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release: 6/16/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/20/2007	19:00 - 21:30	2.50	DRL	1	DRILL F/ 4718' T/4780'
	21:30 - 22:30	1.00	RIG	2	WORK ON #1 MUD PUMP, CHANGE SWAB
	22:30 - 00:00	1.50	DRL	1	DRILL F/4780' T/4812'
	00:00 - 01:00	1.00	RIG	2	WORK ON #1 MUD PUMP, CHANGE ANOTHER SWAB
	01:00 - 01:30	0.50	DRL	1	DRILL F/4812' T/4831'
	01:30 - 02:00	0.50	RIG	2	COOL #2 MUD PUMP
2/21/2007	02:00 - 06:00	4.00	DRL	1	DRILL F/4831' T/4913'
	06:00 - 14:30	8.50	DRL	1	DRILL F/4913'- T/5045'
	14:30 - 15:00	0.50	RIG	2	RIG REPAIR, WORK ON #1 MUD PUMP, CHANGE 1 DISCHARGE & 2 SUCTION VALVES
	15:00 - 16:30	1.50	DRL	1	DRILL F/ 5045' T/5065'
	16:30 - 17:00	0.50	RIG	1	SERVICE RIG
	17:00 - 19:00	2.00	DRL	1	DRILL F/5065' T/5071'
2/22/2007	19:00 - 19:30	0.50	RIG	2	RIG REPAIR, COOL DOWN #1 MUD PUMP MOTOR
	19:30 - 21:00	1.50	DRL	1	DRILL F/5071' T/ 5078', MW 9.7, 47 VIS,
	21:00 - 22:30	1.50	CIRC	1	CIRC & COND MUD, FILL TRIP TANK, MIX & PUMP PILL, DROP SURVEY
	22:30 - 04:00	5.50	TRP	10	P.O.O.H, TRIP OUT FOR BIT
	04:00 - 06:00	2.00	TRP	1	L/D & P/U MOTOR & BIT
	06:00 - 07:00	1.00	TRP	1	P/U BHA
2/23/2007	07:00 - 08:30	1.50	TRP	10	TRIP IN HOLE TO SHOE
	08:30 - 10:00	1.50	RIG	6	CUT DRILLING LINE
	10:00 - 13:00	3.00	TRP	10	TRIP IN HOLE
	13:00 - 14:00	1.00	REAM	1	WASH TO 30' TO BOTTOM (BLOW BOTTOM OFF GOOD BEFOR DRLG.) NO FILL
	14:00 - 15:00	1.00	DRL	1	DRILLING F/ 5078 TO 5165 (HELD BOP DRILL 2 MIN.)
	15:00 - 15:30	0.50	RIG	1	RIG SER. & SER. TOP DRIVE, (WORK PIPE RAMS)
2/24/2007	15:30 - 00:30	9.00	DRL	1	DRILLING F/ 5165 TO 5258
	00:30 - 02:00	1.50	RIG	2	RIG REPAIR, WORK ON # RIG PUMP, CHANGE
	02:00 - 04:00	2.00	DRL	1	DRILLING F/5258' T/5323
	04:00 - 04:30	0.50	RIG	2	RIG REPAIR, 1 SUCTION VALVE ON #2 PUMP
	04:30 - 06:00	1.50	DRL	1	DRILLING F/5323' T/5335
	06:00 - 10:30	4.50	DRL	1	DRILLING F/ 5335 TO 5428
2/25/2007	10:30 - 12:00	1.50	RIG	2	TURNED FAN AROUND ON # 1 & # 2 PUMPS
	12:00 - 13:30	1.50	DRL	1	DRILLING F/ 5428 TO 5449
	13:30 - 15:00	1.50	RIG	2	CHANGE SWAB IN # 2 PUMP MIDDLE POT
	15:00 - 06:00	15.00	DRL	1	DRILL F/ 5449 TO 5570
	06:00 - 10:00	4.00	DRL	1	DRILLING F/ 5570 TO 5609
	10:00 - 10:30	0.50	RIG	1	RIG SER. , TOP DRIVE SER.
2/25/2007	10:30 - 11:30	1.00	RIG	2	CHANGE LINER , SWAB IN # 2 PUMP BILL WHEEL SIDE
	11:30 - 16:00	4.50	DRL	1	DRILLING F/ 5609 TO 5627
	16:00 - 16:30	0.50	CIRC	1	CIRC COND FOR TRIP
	16:30 - 17:00	0.50	SUR	1	SURVEY @ 5597 .5 DEG 157.6 AZ
	17:00 - 17:30	0.50	CIRC	1	PUMP PILL, BLOW KELLY OUT
	17:30 - 23:00	5.50	TRP	10	TRIP OUT FOR BIT # 9 (HAD TRIP BOP DRILL)
2/25/2007	23:00 - 00:00	1.00	TRP	1	CHANGE OUT BITS (CLOSED BLINDS RAMS, OPEN)
	00:00 - 06:00	6.00	TRP	10	TRIP IN HOLE
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE TAGED UP @4785 TITE
	07:00 - 12:00	5.00	CIRC	1	WORK TITE HOLE, LOST 130 BBLs MUD, RUN STAND IN 4813
	12:00 - 17:00	5.00	RIG	2	CHANGE PUMP ON TOP DRIVE
	17:00 - 17:30	0.50	TRP	10	TRIP IN HOLE
2/25/2007	17:30 - 18:00	0.50	REAM	1	WASH 60' TO BOTTOM
	18:00 - 19:00	1.00	DRL	1	DRILL F/5627 TO 5629
	19:00 - 20:30	1.50	RIG	2	WORK ON # 1PUMP SWAB, #1 CHAGER PUMP SWITCH DOWN

Printed: 7/2/2007 1:06:47 PM

Questar E & P
Operations Summary Report

Page 7 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release: 6/16/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/25/2007	20:30 - 21:00	0.50	DRL	1	DRILL F/ 5629 TO 5630
	21:00 - 23:00	2.00	RIG	2	CHANGE SEAT,#1 PUMP BULL WHEEL SIDE,CHANGE SWAB MIDDLE
	23:00 - 02:00	3.00	DRL	1	DRILL F/ 5630 TO 5649
	02:00 - 03:00	1.00	CIRC	2	LOST CIRC @ 5649 LOST 300 BBLS.
	03:00 - 04:30	1.50	TRP	2	TRIP OUT HOLE TIGHT @ 4810
2/26/2007	04:30 - 06:00	1.50	REAM	1	BACK REAMING F/ 48 10 TO 4809
	06:00 - 07:00	1.00	CIRC	2	LOST CIRC (150 BBLS)
	07:00 - 09:00	2.00	TRP	2	TRIP OUT 10 STAND COULDN'T CIRC TRIP TO 4750, BACK REAMING TO 4785
	09:00 - 10:30	1.50	TRP	2	TRIP BACK IN HOLE
	10:30 - 12:30	2.00	DRL	1	DRILL F/5649 TO 5670
	12:30 - 13:30	1.00	CIRC	1	WORK TIGHT HOLE @ 5670 ON CONN.
	13:30 - 23:00	9.50	DRL	1	DRILLING F/5670 TO 5732
	23:00 - 00:00	1.00	CIRC	1	WORK TIGHT HOLE @ 5732 TO 5642 (3 TIMES HOLE GOOD FREE)
	00:00 - 06:00	6.00	DRL	1	DRILLING 5732 TO (DRILL W/ NO FLUID LOST)
	06:00 -				
2/27/2007	06:00 - 09:00	3.00	DRL	1	DRILLING 5780 TO 5804
	09:00 - 15:00	6.00	REAM	1	BACK REAM , JARING UP THROW TIGHT HOLE @ 5803 TO 5700
	15:00 - 15:30	0.50	RIG	2	CHANGE OUT GRABBER DIES IN TOP DRIVE
	15:30 - 18:00	2.50	TRP	2	TRIP OUT HOLE TO 3127 TIGHT
	18:00 - 06:00	12.00	REAM	1	WORK TIGHT HOLE F/ 3127 TO 3072 (55')
2/28/2007	06:00 - 09:00	3.00	FISH	3	WORKING TIGHT HOLE JARING UP (3272 , 3464 PULLED 1 STD TIGHT AGAIN
					3400 JARED OUT TO 3369
	09:00 - 14:00	5.00	TRP	2	TRIP OUT HOLE
	14:00 - 17:00	3.00	TRP	1	L/D BHA. BIT, MM, JARS, AND STAB
	17:00 - 22:00	5.00	TRP	1	TRIP IN HOLE, TIGHT HOLE AT 3257' WORKED PIPE
3/1/2007	22:00 - 02:00	4.00	CIRC	1	CIRCULATE AND RAISE MUD WEIGHT TO 9.7 AT 3077'
	02:00 - 03:00	1.00	TRP	1	LOST RETURNS PULLED 2 STANDS
	03:00 - 05:30	2.50	CIRC	1	PUMP 2 50 LCM PILL AND CIRC
	05:30 - 06:00	0.50	TRP	1	TIH.
	06:00 - 07:30	1.50	TRP	2	TRIP IN HOLE
	07:30 - 08:00	0.50	REAM	1	WASHING TO BOTTOM LOST CIRC.
	08:00 - 08:30	0.50	TRP	2	TRIP OUT 10 STD.
	08:30 - 10:00	1.50	CIRC	1	MIX UP LCM PILL, PUMP
	10:00 - 14:00	4.00	CIRC	2	CIRC, BUILD MUD VOLUME
	14:00 - 15:30	1.50	TRP	2	TOOH TO 3130' TIGHT HOLE FROM 3250' TO 3130'
3/2/2007	15:30 - 19:00	3.50	CIRC	2	CIRC GOOD RETURNS REAM THROUGH TIGHT SPOT, BUILD VOLUME
	19:00 - 21:00	2.00	TRP	2	TIH BROKE CIRC EVERY 5 STANDS
	21:00 - 06:00	9.00	DRL	1	DRILLING FROM 5804' TO 5889'
	06:00 - 13:00	7.00	DRL	1	DRILLING FROM 5889' TO 5895'
	13:00 - 14:00	1.00	CIRC	1	PUMP PILL, CHANGE PLAN GO BACK TO DRILLING
3/3/2007	14:00 - 15:30	1.50	DRL	1	DRILLING NO PROGRESS
	15:30 - 18:00	2.50	DRL	1	MADE AND PUMPED BIT UNBALLING PILL WHILE ATTEMPTING TO DRILL NO PROGRESS
	18:00 - 00:00	6.00	TRP	10	TOOH TIGHT HOLE AT 5800' BACK REAMED THROUGH TIGHT SPOT AND TOOH NO OTHER PROBLEMS
	00:00 - 06:00	6.00	TRP	10	M/U NEW BIT RIH FILLEDPIPE EVERY 6 STANDS AFTER 3200 FOOT
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE BRAKE CIRC EVERY 5 STAND
	07:00 - 08:00	1.00	REAM	1	WASH AND REAM TO 5801'
	08:00 - 10:30	2.50	RIG	2	REPAIR MUD PUMPS # 1 CHANGED OUT SWAB AND SEAT # 2 PUMP
					CHANGED OUT SWAB
	10:30 - 11:00	0.50	REAM	1	WASH REAM FROM 5801' TO 5895'
	11:00 - 11:30	0.50	CIRC	1	PUMP 40 BBLS OF UNBALLING PILL
	11:30 - 12:00	0.50	DRL	1	DRILLING FROM 5895' TO 5901'

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Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations	
3/3/2007	12:00 - 12:30	0.50	RIG	2	REPAIR PUMP # 2 CHANGED SWAB	
	12:30 - 03:30	15.00	DRL	1	DRILLING FROM 5901' TO 6014'	
	03:30 - 04:00	0.50	RIG	2	REPAIR PUMP #2 CHANGED SWAB	
	04:00 - 06:00	2.00	DRL	1	DRILL F/6014' T/ 6041'	
3/4/2007	06:00 - 07:00	1.00	RIG	2	REPAIR MUD PUMP # 2 CHANGED SWAB AND VALVE	
	07:00 - 08:30	1.50	DRL	1	DRILLING FROM 6041' TO 6067'	
	08:30 - 09:30	1.00	REAM	1	TIGHT HOLE WORK PIPE WASHED AND REAMED TIGHT HOLE AT 6000'	
	09:30 - 13:00	3.50	DRL	1	DRILLING FROM 6067' TO 6107'	
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP	
	14:00 - 18:30	4.50	TRP	14	SHORT TRIP INTO SHOE, SLM	
	18:30 - 20:00	1.50	RIG	6	SLIP & CUT DRLG. LINE	
	20:00 - 23:30	3.50	TRP	14	SHORT TRIP TO BOTTOM	
	23:30 - 02:00	2.50	CIRC	1	CIRCULATE & CONDITION, MIX PILL FOR DRY JOB, FILL TRIP TANK	
	02:00 - 02:30	0.50	SUR	1	DROP SURVEY TOOL, SURVEY @ 6068'	
	02:30 - 03:00	0.50	TRP	2	TRIP OUT	
	03:00 - 04:00	1.00	RIG	2	REPAIR TOP DRIVE HOSE	
	04:00 - 06:00	2.00	TRP	2	TRIP OUT	
	3/5/2007	06:00 - 08:00	2.00	TRP	2	TOOH, TO RUN 9 5/8 CASING
08:00 - 09:30		1.50	TRP	1	HELD SAFETY MEETING RIG UP LAY DOWN MACHINE	
09:30 - 12:30		3.00	TRP	1	LAYED DOWN 6 5/8 HWDP, 8 " DRILL COLLARS MONEL, AND MOTOR	
					RETRIVED SURVEY DEPTH 6068 DEG. .9 AZI 149	
12:30 - 13:30		1.00	OTH		RETRIVED, WEAR BUSHING	
3/6/2007	13:30 - 15:00	1.50	CSG	1	HELD SAFETY MEETING RIGGING UP CASING CREW, FILL UP TOOL, AND STABING BOARD	
	15:00 - 03:00	12.00	CSG	2	RUN 140 JTS, 9 5/8 CASING 47#FT, HCP-110, LT&C	
	03:00 - 03:30	0.50	CIRC	1	CIRCULATE & CONDITION, LOST CIRCULATION @ 3300', 55 STKS 194GPM, MW-9.8, VIS 43, 7% LCM	
	03:30 - 04:30	1.00	CMT	1	R/U HALLIBURTON TO CEMENT, SAFETY MEETING	
	04:30 - 06:00	1.50	CMT	2	CEMENTING 9 5/8 CASING	
	06:00 - 09:30	3.50	CMT	2	CEMENTING	
					LEAD- 842 SK, CBM- LIGHT, 10.5 PPG, YIELD 4.14, F/ 3000' T/5100'	
					TAIL- 585 SK, 50- 50 POZ, 14.35 PPG, YIELD 1.25, F/5100' T/ 6100'	
					BUMPED PLUG- @ 9AM 3-5-07, FLOAT HELD @ 3000PSI, RELEASED	
					PRESSURE	
3/7/2007	09:30 - 10:00	0.50	BOP	1	FINISH N/D BOP AND FLOW LINE	
	10:00 - 12:00	2.00	CSG	7	SET SLIPS, CAMERON ROUGH CUT CASING, SET @ 280K	
	12:00 - 14:00	2.00	BOP	1	4 BOLT BOP TO L/D DRILL PIPE	
	14:00 - 15:00	1.00	CSG	1	L/D & CHANGE OUT ELEVATORS & BAILS	
	15:00 - 18:00	3.00	TRP	2	TRIP IN TO L/D DRILL PIPE, INSTALL ROTATING HEAD RUBBER	
	18:00 - 20:00	2.00	TRP	3	R/U L/D MACHINE & LAY DOWN PIPE	
	20:00 - 21:30	1.50	TRP	2	TRIP IN HOLE	
	21:30 - 01:30	4.00	TRP	3	LAY DOWN DRILL PIPE, RIG DOWN L/D TRUCK	
	01:30 - 06:00	4.50	BOP	1	N/D BOP	
	06:00 - 07:00	1.00	BOP	1	FINISH NIPPLE DOWN STACK	
	07:00 - 18:00	11.00	LOC	7	FINISH CLEANING PITS, LAY DOWN TESCO TOP DRIVE, INSTALL B SECTION & NITE CAP, LOADING OUT RENTALS	
	3/8/2007	06:00 - 18:00	12.00	LOC	4	CLEAN TANKS,RIG DOWN & LOAD OUT TOP DRIVE & RENTALS
	3/9/2007	07:00 - 18:00	11.00	LOC	4	LOAD OUT RENTALS, INSPECTING DRILL PIPE
	3/10/2007	07:00 - 18:00	11.00	LOC	4	INSPECTING DRILL PIPE 233 JTS.
	3/11/2007	07:00 - 18:00	11.00	LOC	4	PREPARING TO MOVE, FINISH INSPECTING DRILL PIPE 349 JTS. 3 BENT JTS.
3/12/2007	08:00 - 18:00	10.00	LOC	4	LAY DERRICK DOWN, LOAD OUT 7 TRUCKS	
4/1/2007	06:00 - 18:00	12.00	LOC	3	ENSGN 24-RIG DOWN AND MOVE CAMPS TO LOCATION/RIG UP SAME, HAUL TUBULARS IN, OTHER LOCATION 60% RIGGED DOWN AND 40% OFF	

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/1/2007	06:00 - 18:00	12.00	LOC	3	LOCATION (BACK YARD IS MOVED OUT)/HARD BANDING BHA/HAVE 4 LOADS OF TUBULARS STILL ON OLD LOCATION.
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
4/2/2007	06:00 - 18:00	12.00	LOC	4	RIG DOWN DERRICK, SUB, MOTOR PACKAGE, 100% RIGGED DOWN AND 100% OFF OLD LOCATION, SET MATTING BOARDS AND BOTTOM SUB, ALL 6" BHA IS HARD BANDED, (RING GROOVE ON SINGLE GATE HAS STUD MARKINGS-FLARED OUT)/ MONITORING BACK SIDE-GAINING 250 EVERY HALF HOUR AND BLEEDING IT OFF.
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
4/3/2007	06:00 - 18:00	12.00	LOC	4	SET IN SUBS, MOTOR PACKAGE, MUD TANKS, PUMPS, HOPPER HOUSE, PUT DERRICK TOGETHER, LIGHT PLANT, MUD CLEANING EQUIPMENT, BAR HOPPERS, PREMIX TANK 80% SET IN 25% RIGGED UP, BLEEDING PRESSURE OFF OF LAST WELL EVERY HALF HOUR UNTIL 1900-LETTING PRESSURE BUILD WHILE MONITORING. NOT TO EXCEED 5,000 PSI
	18:00 - 06:00	12.00	OTH		WAIT ON DAY LIGHT/ LETTING WELL BUILD UP PRESSURE
4/4/2007	06:00 - 18:00	12.00	LOC	4	GET DERRICK READY AND PUT ON FLOOR, PUT COMPOUND TOGETHER, SET IN GAS BUSTER LINES/EQUIPMENT, DIESEL TANKS, FIRE LIGHT PLANT, WELD HOLES IN MUD TANKS (BAD SHAPE), STRING CORDS, HOOKING UP LINES/PUMP SHED AND BACK YARD. STRING UP DERRICK (LOADED OUT 105 JT'S DRILL PIPE 4" XT 39 TO RIG 236)
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAY LIGHT
4/5/2007	06:00 - 18:00	12.00	LOC	4	BROKE TOUR TODAY, INSPECT DERRICK TO RAISE AND RAISE DERRICK, RIG UP FLOOR TUGGER AND INSTAL HAND RAILS, UNBRIDLE, LAY DOWN PART OF TRACK THAT WAS BENT FROM LAST WELL, SET IN YELLOW DOG, FILL PITS WITH WATER, CHANGING OIL IN MUD PUMP, HOOK UP STAND PIPE, THERE WAS HANDS STANDING AROUND WATCHING OTHER HANDS ON A JOB THAT SHOULD ONLY TAKE TWO HANDS TO DO. GOT WITH PUSHER AND TOLD HIM THAT HE NEED TO SEPARATE HANDS, ONTO DIFFERENT TASK'S. SO HE STARTED SEPARATING THE HANDS AND PUTTING THEM ON DIFFERNT TASK'S.
	18:00 - 06:00	12.00	LOC	4	RIG UP WET SYSTEM ON BAR HOPPER'S, HOOK UP CHOKE LINE, KILL LINE, CHANGE SWABS, LINERS (SHORT TWO BE HERE THIS AM) RIG UP RETURN LINE ON GAS BUSTER, DRESS SHAKER'S, PUT CULVERT IN FOR MOUSE HOLE
4/6/2007	06:00 - 18:00	12.00	LOC	4	STACK ANNULAR, ROTATING HEAD, CHANGE LINERS/CHANGED PONY ROD SEAL'S IN #1 PUMP, PICK UP TOP DRIVE RAIL AND CENTER RAIL TIGHTEN TURN BUCKLES, INSTALL LANDING AROUND BOPE, PUT IN MOUSE HOLES-HAD PROBLEMS GETTING THE FRONT ONE IN BUT MANAGED TO, (NOTIFIED STONY WITH BLM THAT WE'LL BE TESTING IN THE NEXT 24HR.S), PICK UP SWIVEL, BUILT TROUGH ON BACK SIDE OF PITS TO DIVERT FLUID TO RESERVE PIT.
	18:00 - 06:00	12.00	LOC	4	PICK UP NEW TOP DRIVE (OLD ONE UP FOR SERVICE) HOOK UP TORQUE TUBE GUIDE (DON'T HAVE THE RIGHT CONNECTION BETWEEN SWIVEL AND TOP DRIVE (TOP DRIVE HAS NC 61 THREAD INSTEAD OF A 6 5/8 REG) RUN TOP DRIVE HOSES FIRE UP UNIT AND HOSES LEAKING EVERY WHERE IN NEW TOP DRIVE (NEW TOP DRIVE HAND FIRST TIME RIGGING UP BY HIM SELF-LITTLE LOST), FINALLY FINISHED LINERS IN PUMPS, FLOW LINE OFF 5" (WELDER ON HIS WAY),
4/7/2007	06:00 - 09:00	3.00	LOC	4	CHANGED VALVE IN FLOW LINE, WELD FLOW LINE, LAY OUT AND MAKE UP FLARE LINES, WORK ON SMALL LEAK'S IN GUN LINES, READY TO PRESSURE TEST @ 900AM
	09:00 - 06:00	21.00	OTH		WORKING ON TOP DRIVE (NEW HAND THAT IT WAS HIS FIRST TIME RIGGING UP TOP DRIVE PRESSURED UP UNIT AND BLEW OIL ALL OVER

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/7/2007	09:00 - 06:00	21.00	OTH		DIDN'T KNOW WHAT WAS WRONG, JOHN THE HAND THATS BEEN SITTING ON THIS RIG SHOWED UP TODAY AND SUPT. BILL AND ANOTHER HAND. THEY TESTED LINES AND FOUND CHECK VALVE BAD AND SEALS BLOWN IN TOP DRIVE, PULL MOTORS AND REPLACE SEALS
4/8/2007	06:00 - 10:00	4.00	OTH		WORK ON TOP DRIVE, FINISH PUTTING IN MOTOR AND TEST LINES AND OPERATIONS OF UNIT ALL WORKING CORRECTLY (TORQUE ALL CONNECTION'S)
	10:00 - 14:00	4.00	BOP	1	IPS TIGHTENED CONNECTIONS ON BOPE
	14:00 - 00:00	10.00	BOP	2	RIG UP AND PRESSURE TEST TOP DRIVE DOUBLE BALL VALVE DIDN'T TEST CHANGED DOUBLE BALL VALVE AND IT DIDN'T TEST, TEST THIRD VALVE TEST TIW, DART VALVE, BLIND, UPPER AND LOWER PIPES, CHOKE MANIFOLD AND HCR 10 MIN LOW 250 PSI HIGH 10,000 PSI ANNULAR 10 MIN LOW 250 PSI HIGH 5000 PSI, BLM WAS NOTIFIED BY MESSAGE ON PHONE (BLM WAS NOT PRESENT FOR TEST) WHILE TESTING MUDDING UP SURFACE SYSTEM
	00:00 - 05:00	5.00	RIG	2	CLEAN RIG FLOOR OF OIL AND REPLACE DRIVE CHAIN ON DRAWWORKS
4/9/2007	05:00 - 06:00	1.00	OTH		INSTALL WEAR BUSHING/ WHEN INSTALLING DRILLER TOLD MOTOR HAND TO MAKE SURE KOOMY LEVERS WHERE IN THE OPEN POSTION, BUT THE HCR, WHEN I DISCOVERED THE PROBLEM ALL KOOMY LEVERS WHERE IN THE OPEN POSTION BUT THE ANNULAR IT WAS SHUT
	06:00 - 07:00	1.00	OTH		INSTALL WEAR BUSHING, COULDN'T COME OUT OF THE HOLE WITH WEAR BUSHING, LOOK OVER EQUIPMENT AND HYDRILL WAS SHUT, DRILLER TOLD HAND TO OPEN EVERY THING BUT TO SHUT HCR VALVE, HE SHUT THE WRONG VALVE, I DISCUSSED WITH DRILLER AND HANDS NOT TO BE OPERATING FUNTIONS WHILE INSTALLING WEAR BUSHING.
	07:00 - 08:00	1.00	TRP	1	RIG UP LAY DOWN TRUCK, TO PICK UP DRILL PIPE
	08:00 - 08:30	0.50	RIG	2	REPLACE MAKE UP SIDE CABLE, BROKE WHEN MAKING UP BIT
	08:30 - 15:00	6.50	TRP	1	RIG UP LAY DOWN MACHINE AND PICK UP BHA AND 3260' OF 5" DRILL PIPE, TAGGED EARLY AT 4460' THAT IS 1539' ABOVE THE FLOAT SHOE
	15:00 - 16:00	1.00	CSG	1	RIG DOWN LAY DOWN TRUCK
	16:00 - 17:00	1.00	OTH		FILE UNION STARTER THREAD (IT CAME FROM THE REPAIR SHOP WITH OUT ANY PROTECTION ON IT) AND PICK UP KELLY HOSE AND PUT ON SWIVEL
	17:00 - 18:30	1.50	RIG	2	WORK ON AIR LINES BETWEEN MOTOR SHED'S/ SOME CROSSED LINES WHEN #3 MOTOR CLUTCH KICKS IN #2 PUMP COMES ON LINE/ WHEN KICK IN #2 PUMP ENGINE'S THOTTLE UP
	18:30 - 19:30	1.00	CIRC	1	FILL PIPE PRESSURED UP AND NO CIRCULATION
	19:30 - 22:00	2.50	TRP	2	TRIP OUT OF HOLE (WET)
	22:00 - 23:30	1.50	OTH		CLEAN RIG FLOOR AFTER WET TRIP AND DRIED MUD FROM DRILL PIPE
	23:30 - 00:00	0.50	TRP	2	PACK OFF ON TOP OF MUD MOTOR AND FIRST IBS, BREAK BIT AND CLEAN OUT PLUG JETS (PLUGGED WITH CEMENT)
	00:00 - 01:30	1.50	TRP	2	TRIP IN FIRST STAND AND STAND WITH X-OVER AND PUMP TO SEE IF MOTOR WAS CLEAN (MOTOR WAS GOOD)
	01:30 - 02:00	0.50	OTH		TRIP INTO HOLE TO DRILL OUT CEMENT, BREAK CIRC AFTER BHA
	02:00 - 03:00	1.00	TRP	2	CHANGE GRABBER DIES IN TOP DRIVE
4/10/2007	03:00 - 04:00	1.00	OTH		TRIP IN 3 ROWS
	04:00 - 04:30	0.50	RIG	2	INSTALL ROTATING HEAD RUBBER
	04:30 - 05:00	0.50	CIRC	1	WORK ON SWIVEL PACKING (LEAKING HAD TO HAMMER UP)
	05:00 - 05:30	0.50	TRP	2	BREAK CIRCULATION
	05:30 - 06:00	0.50	REAM	1	TRIP IN 3 STANDS
	06:00 - 10:00	4.00	REAM	1	WASHING AND REAMING CEMENT IN CASING FROM 4460 TO 4501
					DRILLING CEMENT FROM 4,501 TO 5251 (CEMENT WIPER PLUG WAS @4540)
					CEMENT COMING OVER SHAKERS CLUMPY 1/2-1" CHUNKS (HARD)

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/10/2007	10:00 - 11:00	1.00	RIG	1	RIG SERVICE GREASE TOP DRIVE AND DRAW TOOL, COMPOUND
	11:00 - 20:00	9.00	OTH		DRILL CEMENT FROM 5251 TO 6120 @ 5715 SANDY CEMENT STARTED
					COMING OVER SHAKERS (SOFT)
	20:00 - 20:30	0.50	CIRC	1	CIRCULATE HOLE CLEAN FOR FIT TEST
	20:30 - 21:00	0.50	OTH		PERFORM FIT WITH 8.8 MUD WT 850 PSI = EQUIV. 11.5 MUD WT WITH B & C
					QUICK TEST
4/11/2007	21:00 - 01:00	4.00	DRL	1	DRILLING FROM 6120 TO 6241 (ROP 30.25)
	01:00 - 02:30	1.50	RIG	2	WORK ON #1- ROD CLAMP AND #2 PUMP- COULDN'T GET TO PUMP AIRED
					UP/ WENT THROUGH PUMP TO SEE IF THERE WAS SOMING UNDER VALVE
					COULDN'T FIND ANYTHING
	02:30 - 06:00	3.50	DRL	1	DRILLING FROM 6241 TO 6295 (ROP 15.4)
	06:00 - 14:30	8.50	DRL	1	DRILL FROM 6295 TO 6474 (ROP 21' HR.) (10-15 WOB, 50 TABLE, PUMPING
4/12/2007					BIT UNBALLING SWEEP'S WHEN NEEDED AND TRICKLE NUT SHELL OVER
					SUCTION IN TANK, ALSO ON CONNECTIONS DROPPING SOAP STICKS AND
					SAPP/ SOFT GUMMY CLAY COMING OVER SHAKERS)
	14:30 - 15:30	1.00	RIG	1	SERVICE RIG
	15:30 - 06:00	14.50	DRL	1	DRILL FROM 6474 TO 6775 (ROP 20.75' HR)
	06:00 - 09:30	3.50	DRL	1	DRILLING FROM 6775 - 6850', 75', 21.42 FPH, 19K WOB, 92 RPM DOWN HOLE,
4/13/2007					50 RPM ON SURFACE. HELD STAND DOWN SAFETY MEETING ON 3
					ACCIDENTS ON QEP LOCATIONS.
	09:30 - 10:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION LOWER PIPE RAMS
	10:30 - 14:30	4.00	DRL	1	DRILL 6850' - 6945', 95', 23.75 FPH, 19K WOB, 92 RPM DH, 50 RPM ON
					SURFACE. PUMPING LCM & BIT BALLNG SWEEPS AS NEEDED. CEMENTED
					BASE PLATE ON WELL HEAD W/ 5 YDS OF REDIMIX FROM PETE MARTIN.
4/14/2007	14:30 - 15:30	1.00	SUR	1	WIRELINE SURVEY @ 6874', .5 DEG. @ 147.4
	15:30 - 06:00	14.50	DRL	1	DRILL 6945' - 7351', 406', 28 FPH, WOB 15-20K, 92 RPM DOWN HOLE, 50 RPM
					ON SURFACE, STILL PUMPING LCM & BIT BALLING SWEEPS AS NEEDED.
					TOTAL LOSSES TODAY 200 BBL.
	06:00 - 12:00	6.00	DRL	1	DRILL 7351' - 7508', 157', 26.16 FPH, WOB 15-20K, 92 RPM DOWN HOLE, 50
					RPM ON MOTOR. SLIGHT BIT BALLING, NO NOTICEABLE LOSSES SO FAR
4/15/2007					TODAY.
	12:00 - 13:00	1.00	SUR	1	WIRELINE SURVEY @ 7438', .6 DEG. 202.
	13:00 - 16:30	3.50	DRL	1	DRILL 7508' - 7603', 95', 27.14 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE,
					91 DOWN HOLE.
	16:30 - 17:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	17:30 - 06:00	12.50	DRL	1	DRILL 7603' - 7905', 302', 24.16 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE,
4/15/2007					91 DOWN HOLE. TOTAL LOSSES TODAY 125 BBL. SLIGHT SEEPAGE HOLE IN
					GOOD CONDITION. ONLY SMALL SLOUGH & VERY LITTLE OF THAT.
	06:00 - 09:00	3.00	DRL	1	DRILL 7905' - 7983', 78', 26 FPH. WOB 15-20K, RPM 141, 50 ON SURFACE & 91
					DOWN HOLE. MINIMAL SEEPAGE, NO INCREASE IN SLOUGH.
	09:00 - 10:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	10:00 - 15:00	5.00	DRL	1	DRILL 7983' - 8076', 93', 18.6 FPH, WOB 15-21K, RPM 50 ON SURFACE, 91
4/15/2007					DOWN HOLE. TOTAL LOSSES TO TRIP = 185 BBL, SEEPAGE & DUMPING
					SAND TRAPS.
	15:00 - 19:30	4.50	TRP	10	PUMP PILL & TOH W/ BIT #13.
	19:30 - 20:30	1.00	TRP	10	BREAK OFF BIT, PU NEW BIT, FUNCTION BLIND RAMS
	20:30 - 00:00	3.50	TRP	10	TIH W/ BIT #14, CHANGE OUT CORROSION RING. GOOD TRIP.
	00:00 - 00:30	0.50	REAM	1	W&R 90' TO BOTTOM, 10' OF FILL, LOST 30 BBL ON TRIP. 10 BBL OF IT WET
4/15/2007					PIPE.
	00:30 - 06:00	5.50	DRL	1	DRILL 8076' - 8280', 204', 37.09 FPH, WOB 11-15K, RPM 141, 50 ON SURFACE,
					91 DOWN HOLE. VERY SLIGHT SEEPAGE.
	06:00 - 10:30	4.50	DRL	1	DRILL 8280' - 8453', 173', 38.44 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE &
					91 DOWN HOLE, NO NOTICEABLE LOSSES AS OF YET. VERY LITTLE

Questar E & P
Operations Summary Report

Page 12 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release: 6/16/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/15/2007	06:00 - 10:30	4.50	DRL	1	SLOUGH.
	10:30 - 11:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE. FUNCTION LOWER PIPE RAMS.
	11:30 - 06:00	18.50	DRL	1	DRILL 8453' - 8818', 365', 19.72 FPH, WOB 15-20k, RPM 141, 50 ON SURFACE, 91 DOWN HOLE. PUMPING BIT BALLING SWEEPS @ 1/2 - 1 HR INTERVALS SOME TIMES IT HELPS BUT ONLY FOR 3-4'. VERY SLIGHT SEEPAGE LAST 24 HRS.
4/16/2007	06:00 - 10:00	4.00	DRL	1	DRILL 8818' - 8932', 114', 28.5 FPH, WOB 15-20K, RPM 141, 50 ON SURFACE, 91 DOWNHOLE. STILL PUMPING BIT BALLING SWEEPS @ 1/2 - 1 HR INTREVALS. SEEPAGE MINIMAL
	10:00 - 11:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION ANNULAR & CHECK CROWN-O-MATIC
	11:00 - 06:00	19.00	DRL	1	DRILL 8932' - 9511', 579', 30.47 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE. INCREASED PUMPS TO 418 GPM. VERY SLIGHT SEEPAGE.
4/17/2007	06:00 - 09:30	3.50	DRL	1	DRILL 9511' - 9608', 97', 27.71 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE. BIT JUST KEEPS HANGING IN. SEEPAGE MINIMAL.
	09:30 - 10:00	0.50	RIG	2	CHANGE FILTER ON CHAIN OILER ON COMPOUND.
	10:00 - 12:30	2.50	DRL	1	DRILL 9608' - 9704', 96', 38.4 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE
	12:30 - 13:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, ADJUST BRAKES, ADD SAFETY CHAINS TO BALE EXTENSION, & FUNCTION LOWER PIPE RAMS.
	13:30 - 06:00	16.50	DRL	1	DRILL 9704' - 10200, 496', 30.06 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE. HOLE TAKING A LITTLE MORE FLUID THE LAST 3 HRS, ABOUT 10 BBL. PUMPED 10% LCM SWEEP, STILL PUMPING BIT BALLING SWEEP EVERY HALF HR SINCE 22:00. FIRST TIGHT CONN @ 10181' ABOUT 25K OVER. REAMED BACK THROUGH IT AND DIDN'T SEE IT.
4/18/2007	06:00 - 09:30	3.50	DRL	1	DRILL 10200' - 10342', 142', 40.6 FPH, WOB 15-20K, RPM 150, 50 ON SURFACE, 100 DOWN HOLE, TRIPPING BIT ON HOURS ONLY.
	09:30 - 10:30	1.00	CIRC	1	CIRC BOTTOMS UP.
	10:30 - 11:00	0.50			DROP SURVEY @ 10362' .6 202, SAME AS LAST SURVEY. DRILLER CHECKED SURVEY. WHEN I CHECKED IT IT WAS 89.6 @ 68.9, POSSIBLE MIS-RUN. I THINK IT TOOK A SURVEY ON THE BENCH, BUT CAN'T TELL FOR SURE.
	11:00 - 18:00	7.00	TRP	10	PUMP PILL, TOH W/ BIT #14, PULL ROTATING HEAD RUBBER, BREAK OFF BIT, LD MUD MOTOR.
	18:00 - 19:00	1.00	TRP	10	PU NEW BIT # 15, NEW MOTOR, & TIH TO JARS. JARS HAD TOP SEAL OUT OF MANDREL, LD JARS. #1 4/17/07
	19:00 - 20:00	1.00	RIG	6	SLIP & CUT DRILLING LINE, 180'
	20:00 - 21:00	1.00	RIG	1	SERVICE RIG, TOP DRIVE, & FUNCTION ANNULAR
	21:00 - 22:00	1.00	WOT	5	WO, STRAP & PU JARS. #2 4/17/07
4/19/2007	22:00 - 03:30	5.50	TRP	10	TIH, BREAK CIRC AT BHA, & EA. 3 ROWS TO BOTTOM 1 STAND OFF BOTTOM TIGHT, PACKED OFF.
	03:30 - 05:00	1.50	FISH	6	WORK TIGHT HOLE, SET OFF JARS 3 TIMES EASY, FOUND FREE SPOT, BREAK CRC. BACK REAM OUT TO 10208'
	05:00 - 06:00	1.00	REAM	1	W&R 10208' - 10300'
	06:00 - 07:00	1.00	REAM	1	W&R 10300' - 10342, 36' OF FILL, LOTS OF PRESSURED SLOUGH BUT NOTHING LARGE.
	07:00 - 12:00	5.00	DRL	1	DRILL 10342' - 10541', 199', 39.8 FPH, WOB 15-20K, RPM 124, 65 ON SURFACE, 59 DOWN HOLE. NO NOTICABLE SEEPAGE TO THIS POINT. BOP DRILL.
4/20/2007	12:00 - 13:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION PIPE RAMS
	13:00 -		DRL	1	DRILL 10541' - 11060, 519', 30.52 FPH, WOB 15-20K, RPM 110, 50 ON SURFACE, 60 DOWN HOLE, NO NOTICEABLE SEEPAGE LAST 24 HRS. PUMPING BIT BALLING SWEEPS IN SLOW DRILLING SPOTS.
	06:00 - 10:30	4.50	DRL	1	DRILL 11060' - 11207', 147', 32.66 FPH, WOB 15 - 20K, RPM 110, 50 ON SURFACE, 60 DOWN HOLE, NO NOTICEABLE SEEPAGE TO THIS POINT.

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Operations Summary Report

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release: 6/16/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/20/2007	10:30 - 11:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION ANNULAR, ADJUST BRAKES.
	11:30 - 14:00	2.50	DRL	1	DRILL 10207' - 11301', 94', 37.6 FPH, WOB 15-20, RPM 100, 50 ON SURFACE, 60 DOWN HOLE, TOP DRIVE WILL NOT TURN OVER 50 RPM ON SURFACE. IT WILL TURN 70 OFF BOTTOM BUT FALLS TO 50 WHEN YOU PUT IT ON BOTTOM.
	14:00 - 18:00	4.00	RIG	8	REPLACE AIR VALVE & LINDE PUMP ON TOP DRIVE.
	18:00 - 05:00	11.00	DRL	1	DRILL 11301' - 11488', 187', 17 FPH, WOB 15-20K, RPM 120, 60 DOWN HOLE, 60 ON SURFACE. HOLE STARTED TAKING FLUID @ 11380', SHOW 11382' - 11400' 600u, 6637u, 3800u. TRIED TO GO THROUGH BUSTER BUT ROTATING HEAD LEAKING BAD.
4/21/2007	05:00 - 06:00	1.00	RIG	4	CHANGE OUT ROTATING HEAD, SEAL GONE WHEN WE PULLED HEAD, DON'T THINK ONE WAS INSTALLED AFTER LAST TRIP.
	06:00 - 09:00	3.00	DRL	1	DRILL 11488' - 11561', 73', 24.33 FPH, WOB 15-20K, RPM 119, 60 ON SURFACE, 59 DOWN HOLE. ROTATING HEAD LOCKED UP, WORE RUBBER OUT.
	09:00 - 10:00	1.00	RIG	4	CHANGE OUT ROTATING HEAD RUBBERS.
	10:00 - 13:00	3.00	DRL	1	DRILL 11561' - 11614', 53', 17.66 FPH, WOB 15-20K, RPM 119, 60 ON SURFACE, 59 DOWN HOLE. LOSSES SEEM TO BE SLOWING.
4/22/2007	13:00 - 14:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE.
	14:00 - 00:30	10.50	DRL	1	DRILL 11614' - 11724 110', 10.47 FPH, WOB 20-25K, RPM 119, 60 ON SURFACE, 59 DOWN HOLE. LOOSING ABOUT 2-4 BBL HR OF FLUID, RAISING MW TO CONTROL GAS, DRILLING FLARE 15-25', CONN FLARE 35'
	00:30 - 06:00	5.50	CIRC	1	DRILLING SLOWED TO 4 FPH, SHUT DOWN TO RAISE MW F/ BIT TRIP. BBG THROUGH BUSTER 1500 - 2500u MW 10.2, HEADED F/ 10.4. BYPASSED SHAKERS TO KEEP LCM IN SYSTEM.
	06:00 - 23:30	17.50	CIRC	1	C&C F/ BIT TRIP. MW HEADED F/ 10.2 - 10.8. GAS @ 10.8 IS STILL 725u THROUGH THE BUSTER, SPOTTED 160 BBL OF 12.2PPG MUD ON BOTTOM. ESTIMATE TOP OF PILL @ 9981'
4/23/2007	23:30 - 01:00	1.50	TRP	10	TOH 22 STANDS SLOW & WET. TO 9653', GAINED 8 BBL OF FLUID PULLING 22 STANDS.
	01:00 - 04:00	3.00	CIRC	1	CIRC BOTTOMS UP TO CLEAN UP GAS. GAS ON BUSTER 650u. MIXED PILL WHILE CIRC.
	04:00 - 06:00	2.00	CIRC	1	CHECK F/ FLOW, FLOWING 1/2" STREAM, RAISING MW TO 11.0 PPG.
	06:00 - 00:00	18.00	CIRC	1	C&C, RAISING MW F/ 10.8 - 11.8, HAD 11.7 COMMING BACK & LOST COMPLETE RETURNS @ 23:49 LCM 12%
4/24/2007	00:00 - 01:00	1.00	CIRC	2	MIXING LCM & MUD, LETTING MW DROP BACK TO 11.7 BRINGING LCM TO 15%
	01:00 - 06:00	5.00	CIRC	1	C&C, BUILD VOLUME, WT @ 11.7, LCM @ 20%, LOSSES @ 17 BPH, SEEM TO BE SLOWING A LITTLE, AROUND 7 BPH AS NEAR AS I CAN TELL AT THIS TIME.
	06:00 - 13:30	7.50	CIRC	1	C&C, MIXING MUD & BUILD VOLUME. CHECKED FLOW @ 08:00, NO FLOW. C&C BUILD PREMIX, GUN LINES PLUGGED OFF, & BAR HOPPER @ PREMIX PLUGGING @ 4X3" SAWGE. CHECKED F/ FLOW @ 11:15, FLOWING 1" STREAM & SURGING TO 4" -6" STREAM FIRST TIME WE HAVE SEEN THIS SURGING. TAKING PREMIX TO 12.2 PPG W/ 30% LCM.
	13:30 - 14:00	0.50	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION HCR VALVE, CHECK FLOW, NO FLOW. 11.8PPG MW.
4/24/2007	14:00 - 18:00	4.00	CIRC	1	C&C, BUILD PREMIX, 12.2 PPG MW, 30% LCM & SPOT F/ 9653' - 6745' CALCULATED OH.
	18:00 - 03:30	9.50	TRP	10	TOH TO 6107', PUMP TRIP PILL. CONTINUE W/ SLOW TOH, LD BIT & MOTOR. NO LOSSES ON TOH.
	03:30 - 06:00	2.50	TRP	10	PU HUNTING .22 MOTOR SN 6142 , DOG SUB, HTC 406Z BIT SN 7301750 BIT #16, & TIH SLOW

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/25/2007	06:00 - 08:30	2.50	TRP	10	TIH SLOW,BREAK CIRC EVERY 3 ROWS TO SHOE
	08:30 - 09:00	0.50	TRP	10	CHANGE OUT ROTATING HEAD
	09:00 - 10:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP @ THE SHOE, GAS PEAKED @ 4899u, 10-15' FLARE.
	10:00 - 16:00	6.00	TRP	10	TIH CIRCULATING BOTTOMS UP EVERY ROW , BOTTOMS UP FLARE ON LAST ROW 40 +' 44 BBL GAIN.
	16:00 - 17:00	1.00	REAM	1	W&R 470' TO BOTTOM, 36' OF FILL BOTTOMS UP FLARE 50', GAINED 55 BBL.
	17:00 - 18:00	1.00	CIRC	1	CIRC OUT GAS.
	18:00 - 06:00	12.00	DRL	1	DRILL 11724' - 11839', 115', WOB 18-25K, RPM 142, 92 DOWN HOLE, 50 ON SURFACE NO LOSSES THIS MORNING. MW 12.0, LCM 25% STILL BY PASSING SHAKERS.
4/26/2007	06:00 - 12:30	6.50	DRL	1	DRILL 11839' - 11867', 28', 4.3 FPH, WOB 25K, RPM 142, 92 DOWN HOLE, 50 ON SURFACE. PLAYED W/ RPM & WOB BUT THATS ALL WE COULD GET OUT OF THIS BIT.
	12:30 - 13:30	1.00	SUR	1	DROP SURVEY @ 11797' (MISS RUN)
	13:30 - 14:30	1.00	CIRC	1	CIRC & FINISH MIXING TRIP PILL.
	14:30 - 18:00	3.50	TRP	10	TRIP OUT OF HOLE SLOW
	18:00 - 21:00	3.00	TRP	1	TRIP OUT OF HOLE
	21:00 - 21:30	0.50	TRP	1	CHANGE OUT BIT'S/ RETREIVE SURVEY/ FUNTION TEST BLINDS AND PIPE RAMS
	21:30 - 02:00	4.50	TRP	10	TRIP IN HOLE TO SHOE, FILL EVERY 3 ROWS, INSTALL ROT. RUBBER
4/27/2007	02:00 - 02:30	0.50	CIRC	1	CIRCULATE BOTTOMS UP @ SHOE 110 PEAK GAS
	02:30 - 05:30	3.00	TRP	10	TRIP IN HOLE FILL PIPE AND BREAK CIRCULATION 8785,10,794
	05:30 - 06:00	0.50	CIRC	1	CIRCULATE/ WASH @ 10,794
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE TO 11744
	07:00 - 08:00	1.00	REAM	1	WASH AND REAM FROM 11,744 TO 11,867 25 FT FILL
	08:00 - 13:00	5.00	DRL	1	DRILL FROM 11,867 TO 11,924 (ROP 11.4) (STARTED SHAKING OUT LCM SLOWLY OVER 1 SHAKER @ 10:30 am) MW 11.7/GAS 180 UNIT'S/ ON CONNECTION WORKED THROUGH TIGHT SPOT @ 11,890 UP TO 11,870
	13:00 - 14:00	1.00	RIG	1	RIG SERVICE (SERVICE TOP DRIVE, COMPOUND)
4/28/2007	14:00 - 18:00	4.00	DRL	1	DRILL FROM 11,924 TO 11,965 (ROP 10.25 FT HR)
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 11,965 TO 12,076 (ROP 9.25 FT HR) SLOWWED TO 4-5 FT HR FROM 11,975-12,003
	06:00 - 13:00	7.00	DRL	1	DRILL FROM 12,076 TO 12,209 (ROP 19 FT HR) SHAKING LCM OUT DOWN TO 8-10% WOB 10-15, DHRPM 142, STARTED SEEPING WHEN WT UP TO 11.7+.
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG, TOP DRIVE, (REPLACE QUIK RELEASE ON #1 MOTOR CLUTCH)
	14:00 - 18:30	4.50	DRL	1	DRILL FROM 12,209 TO 12,256 (ROP 10.4 FT HR) HIT BLACK HAWK SAND TOOK KICK
	18:30 - 02:30	8.00	CIRC	1	CIRCULATE THROUGH CHOKE WEIGHTING UP MUD SLOWLY 1-2 POINTS A CIRCULATION NOT WANTING TO KNOCK THE BOTTOM OUT/ BRING UP LCM TO 20%-25%
	02:30 - 06:00	3.50	CIRC	2	STARTED LOSSING CIRCULATION WHEN MUD WEIGHT REACHED 12.3 PPG,SLOWWED PUMP DOWN AND PUMP HI LCM SWEEP,
4/29/2007	06:00 - 02:30	20.50	CIRC	2	FIGHT LOST CIRCULATION, PIPES SHUTIN AND GAS SOMETIMES OVER 3000 UNIT'S, PUMPING LCM SWEEPS EVERY HALF HOUR AND BRINGING MUD WEIGHT UP 1 POINT PER CIRCULATION WHILE GOING THROUGH CHOKE,
	02:30 - 06:00	3.50	DRL	1	DRILL FROM 12,256 TO 12,285 (ROP 8.25 FT HR) BRING WT UP TO CONTROL BACK GROUND GAS
4/30/2007	06:00 - 08:00	2.00	DRL	1	DRILL FROM 12,285 TO 12,303 (ROP 9 FT HR.) 2-3 BBL LOSS 25-28% LCM,
	08:00 - 09:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE, COMPOUND, BLOCKS
	09:00 - 06:00	21.00	DRL	1	DRILL FROM 12,303 TO 12,471' (ROP 8' FT. HR.) 2-3 BBLS LOSS
5/1/2007	06:00 - 08:00	2.00	DRL	1	DRILL FROM 12,470 TO 12,490 (ROP 10' HR) MW 12.7/WOB 20-25/ DHRPM 130

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/1/2007	06:00 - 08:00	2.00	DRL	1	SHAKE LCM OUT TO 10% LCM IN SYSTEM
	08:00 - 21:00	13.00	RIG	2	REPAIR RIG/MASTER CLUTCH BOOT HAS HOLE IN IT, (NEW ONE COMING FROM CASPER AND TWO MECHANICS)
	21:00 - 06:00	9.00	DRL	1	DRILL FROM 12,490 TO 12,600 (ROP 12.2 HR) MW 12.7/WOB 20-25/DHRPM 130
5/2/2007	06:00 - 08:30	2.50	DRL	1	DRILL FROM 12,600 TO 12,612 (ROP 4.8 FT HR)
	08:30 - 10:30	2.00	CIRC	7	CIRCULATE BOTTOMS UP FOR SAMPLE/MUD LOGGER
	10:30 - 17:00	6.50	RIG	2	SHORT TRIP OUT 50 STANDS SLOW BECAUSE OF AIR ISSUES WITH MASTER CLUTCH (WHEN THEY THROTTLE UP ON DRAWWORKS ABOUT HALF THROTTLE IT KICK'S OUT THE MASTER CLUCH), (TIGHT SPOTS WERE AT 12,225 TO 12,12,215 AND 11,960 TO 11,950 AND 11,925 TO 11,910) WORK UP AND DOWN THROUGH TIGHT SPOTS/ WHILE TRIPPING ALSO WAS TRYING TO WORK ON MASTER CLUTCH TO FIGURE OUT PROBLEM WITH IT, TRIP IN HOLE 50 STANDS BREAKING CIRCULATION EVERY 22 JT.S/ WASHED 25' OF SOFT FILL(MOTOR IS REAL WEAK)
5/3/2007	17:00 - 21:00	4.00	TRP	14	CIRCULATE AND GET MUD PROPERIES INTO SHAPE(12.7+) BOTTOMS UP FLARE 25'-30'/PIT GAIN 86 BBL.S/ WITH ECD.S FLARE IS 2-3'
	21:00 - 02:30	5.50	CIRC	1	FLOW CHECK - OK - DROP SURVEY
	02:30 - 03:30	1.00	CIRC	1	TRIP OUT OF HOLE TO RUN 7" LINER & STRAP OUT OF HOLE
5/3/2007	03:30 - 06:00	2.50	TRP	2	TRIPPING OUT OF HOLE TO RUN CASING LINER STRAPPING OUT OF HOLE(SLM-12,604/ NO CORRECTION) ,(TRIPPING SLOW BECAUSE OF MASTER CLUTCH TROUBLE ON RIG)
	06:00 - 12:30	6.50	TRP	2	RIG UP LAY DOWN TRUCK AND LAY DOWN BHA (WET)
	12:30 - 17:30	5.00	TRP	1	PULL WEAR BUSHING
5/4/2007	17:30 - 18:00	0.50	OTH		HELD SAFETY MEETING/RIG UP ROCKY MTN. CASING CREW
	18:00 - 19:30	1.50	CSG	1	RUN 7" CASING LINER,162 JT'S (84 JT'S 29# P110/78 JT'S 26# P110) BREAK CIRCULATION EVERY 25 JT'S
	19:30 - 04:00	8.50	CSG	2	R/D CASING EQUIPMENT, FILL UP TOOL & LAY DOWN MACHINE
5/4/2007	04:00 - 05:00	1.00	CSG	2	MAKE UP LINER HANGER ASSEMBLY
	05:00 - 06:00	1.00	CSG	2	RIG DOWN CASING CREW
	06:00 - 06:30	0.50	CSG	1	CIRCULATE BOOTMS UP ON FIRST STAND OF DRILL PIPE
5/4/2007	06:30 - 07:30	1.00	CIRC	1	TRIP IN HOLE 59 STANDS/FILL EVERY TEN STANDS(BREAK CIRCULATION)
	07:30 - 12:30	5.00	CSG	4	WASH DOWN 3 STANDS
	12:30 - 13:30	1.00	CSG	1	CIRCULATE WHILE RECIPROCATING LINER/SHAKE OUT LCM IN PIT SYSTEM
5/4/2007	13:30 - 19:30	6.00	CIRC	1	LOST APOX 650 BBL
	19:30 - 20:00	0.50	CSG	4	HANG LINER WITH SMITH HAND
	20:00 - 00:30	4.50	CMT	2	HELD SAFETY MEETING AND CEMENT WITH HALLIBURTON (LOST RETURN'S 59 BBL INTO DISPLACEMENT)
5/4/2007	00:30 - 01:00	0.50	CMT	1	PUMP CEMENT & DISPLACE CMT IN PLACE @ 0030 HRS BUMPED PLUB W/ 500 PSI OVER CIRULATION
	01:00 - 01:30	0.50	TRP	2	FLOAT HELD LEAD CEMENT TOTAL 1300 SACKS 4% GEL, 20% SSA-1, 3 LBS/SK SIL. .6% HALAD-344, .2% SUPER
	01:30 - 03:00	1.50	CIRC	1	TAIL CEMENT TOTAL 100 SACKS 2% GEL, 20% SSA-1, 3 LBS/SK SIL., .5% HALAD-344,.2% HALAD-413,.2%HR
5/4/2007	03:00 - 06:00	3.00	TRP	2	12, .7% SUPER CBL, .2% SUSPEND-HT
	06:00 - 07:00	1.00	CSG	4	LAY DOWN CEMENTING HEAD & HAL. CEMENT LINES
	07:00 - 08:30	1.50	TRP	2	PULL 5 STANDS
5/5/2007	08:30 - 09:00	0.50	TRP	2	CIRCULATE 2X BOTTOMS UP
	09:00 - 09:30	0.50	TRP	2	TRIP OUT OF HOLE W/ 7" LINER RUNNING TOOL & LAY DOWN RUNNING TOOL ASSEMBLY
	09:30 - 10:00	0.50	TRP	2	TRIP OUT AND LAY DOWN 7" LINER HANGER
5/5/2007	10:00 - 10:30	0.50	TRP	2	PICK UP PILOT AND POLISH MILL FOR TOP OF LINER AND TRIP IN HOLE TO CLEAN TOP OF LINER
	10:30 - 11:00	0.50	TRP	2	
	11:00 - 11:30	0.50	TRP	2	

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/5/2007	08:30 - 09:30	1.00	OTH	1	CUT AND SLIP DRILLING LINE
	09:30 - 10:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	10:30 - 11:00	0.50	TRP	2	TRIP IN AND TAG TOP WITH POLISH MILL (NO ROTATION)
	11:00 - 14:00	3.00	OTH		STING INTO LINER TOP/ ROTATE TORQUING UP (MEASURED OUT TO BE MILL IN LINER CATCH WOULD HANG UP IF PIPE WASN'T ROTATING, MILLED AND WORK UP AND OWN THROUGH ROTATING, COULD WORK UP AND DOWN THROUGH FULL STROKE OF CLEAN OUT TOOL WITH NO PROBLEMS,
	14:00 - 16:30	2.50	TRP	2	TRIP OUT OF HOLE TO SEE WHAT MILL LOOKS LIKE/HAD LITTLE WEAR/ LAYDOWN CLEAN OUT TOOL
	16:30 - 21:30	5.00	TRP	2	TRIP IN (SLOW) WITH PACKER TO SET IN LINER HANGER
	21:30 - 00:30	3.00	CSG	4	STING IN AND SET PACKER SEAL ASSEMBLY/ PRESSURE TEST SEALS 300 PSI AND POSITIVE TEST @ 1500 PSI FOR 30 MIN.
	00:30 - 01:00	0.50	OTH		PULL OUT TWO STANDS TO DO A NEGATIVE TEST ON LINER LAP
	01:00 - 02:30	1.50	OTH		FILL PILL TANK WITH WATER TRUCK AND DISPLACE MUD OUT OF HOLE FOR NEGATIVE TEST ON LINER PACKER
	02:30 - 03:30	1.00	DEQ	2	CARRY OUT NEGATIVE TEST ON 7" LINER & PACKER - OK -
5/6/2007	03:30 - 05:00	1.50	CIRC	1	CIRCULATE OUT WATER & DISPLACE WELL TO 12.7 MUD.
	05:00 - 06:00	1.00	RIG	2	WORK ON MASTER CLUTCH
5/6/2007	06:00 - 06:00	24.00	RIG	2	REPAIR MASTER CLUTCH ON COMPOUND AND AIR LINES- WHILE WORKING ON MASTER CLUTCH CLEANED MUD TANKS & BUILD MUD VOLUME
5/7/2007	06:00 - 20:30	14.50	RIG	2	WORK ON MASTER CLUTCH (ROADS WERE CLOSED, COULDN'T BRING CLUTCH OUT OF CASPER ROADS OPENED UP AROUND 9:00 AM CLUTCH SHOWED ON LOCATION @ 16:30) CHANGED OUT LINER'S IN PUMP TO 5"
	20:30 - 01:30	5.00	TRP	3	LAY DOWN DRILL PIPE IN MOUSE HOLE WHILE WAITING ON LAY DOWN TRUCK (DO TO RIG REPAIR/DIDN'T KNOW WHEN THE RIG WAS GOING TO RUN PROPERLY)
5/8/2007	01:30 - 02:30	1.00	TRP	3	RIG UP LAY DOWN TRUCK
	02:30 - 03:00	0.50	TRP	3	LAY DOWN 5" DRILL PIPE USING L/D TRUCK TO 300'
	03:00 - 03:30	0.50	TRP	2	REMOVE ROTATING HEAD
	03:30 - 04:00	0.50	TRP	3	CONTINUE TO LAY DOWN 5" DRILL PIPE USING LAY DOWN TRUCK
	04:00 - 04:30	0.50	TRP	3	RIG DOWN LAY DOWN EQUIPMENT
	04:30 - 06:00	1.50	TRP	3	TRIP IN HOLE TO LAY DOWN DRILL PIPE
	06:00 - 06:30	0.50	TRP	2	TRIP IN HOLE 55 STANDS TO LAY DOWN
	06:30 - 09:30	3.00	TRP	3	LAY DOWN 5" DRILL PIPE
	09:30 - 10:00	0.50	TRP	2	TRIP IN HOLE 11 STANDS TO LAY DOWN
	10:00 - 11:00	1.00	TRP	3	LAY DOWN 5" DRILL PIPE
	11:00 - 12:00	1.00	OTH		CHANGE SAVER SUB AND GRABBER DIES (CHANGE TO 4" TOOLS)
	12:00 - 19:00	7.00	BOP	2	TEST BOP TO 10,000 PSI AND 250 PSI LOWS (TOP AND BOTTOM PIPE RAMS, BLIND RAMS, HCR, CHOKE MANIFOLD, TOP DRIVE VALVES, TIW, DART VALVE) 7500 PSI AND 250 LOW (ANNULAR), CASING TEST 1500 PSI FOR 30 MIN.
	19:00 - 19:30	0.50	OTH		INSTALL WEAR BUSHING
	19:30 - 21:00	1.50	TRP	2	RIG UP AND PICK UP BHA AND 4" DRILL-DRIFTING-
5/9/2007	21:00 - 21:30	0.50	OTH		INSTALL ROTATING RUBBER
	21:30 - 01:00	3.50	TRP	2	PICK UP 4" DRILL PIPE BREAK CIRCULATION (EVERY 1000')
	01:00 - 02:00	1.00	TRP	2	STRAP 140 JTS OF 4" DRILL PIPE ON PIPE RACK
	02:00 - 06:00	4.00	TRP	2	CONTINUE TO PICK UP 4" DRILL PIPE
	06:00 - 08:30	2.50	TRP	2	PICK UP 4" DRILL PIPE-DRIFT SAME-CIRCULATE EVERY 30 JOINTS
	08:30 - 09:30	1.00	TRP	2	RACK AND STRAP DRILL PIPE
	09:30 - 13:30	4.00	RIG	2	WENT TO ADJUST BRAKES AND BRAKE BLOCK FELL OUT OF BAND (PULL AND VISUAL INSPECT BANDS (PUT NEW BRAKE BLOCK'S ON-BURN IN THE SAME)

Questar E & P
Operations Summary Report

Page 17 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release: 6/16/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/9/2007	13:30 - 17:00	3.50	TRP	2	PICK UP 4" DRILL PIPE -DRIFT
	17:00 - 18:00	1.00	CSG	1	RIG DOWN LAY DOWN TRUCK
	18:00 - 19:30	1.50	DRL	4	DRILL OUT LAND COLLAR @ 12520, FLOAT SHOE @ 12,563,SHOE @12,607 (CEMENT WAS SOFT EASY DRILLING/SURFACE SAMPLES ARE DRY BUT PRETTY FLAKY)
	19:30 - 20:00	0.50	DRL	1	DRILL FROM 12612 TO 12617
	20:00 - 21:30	1.50	CIRC	1	CIRCULATE BOTTOMS UP TO PERFORM FIT TEST
	21:30 - 22:00	0.50	EQT	2	FORMATION INTEGRITY TEST 2000 PSI WITH 12.6 MUD WT=EQUIV. TO 15.64 MW
	22:00 - 04:30	6.50	TRP	2	TRIP OUT OF HOLE TO RUN LOGS THROUGH CASING/ PULL ROTATING HEAD
	04:30 - 06:00	1.50	LOG	2	HELD SAFETY MEETING W/ SCH. LOGGING CREW - RIG UP LOGGING EQUIPMENT & P/U LOGGING TOOLS
5/10/2007	06:00 - 22:00	16.00	LOG	2	LOGGING IN CASED HOLE W/ SWS, SONIC SCAN - CBL-VDL-P/S TD - BSC. LTD 12596'
	22:00 - 23:00	1.00	LOG	2	RD LOGGERS
	23:00 - 06:00	7.00	TRP	10	PU BI-CENTER BIT, MUD MOTOR, & TIH, RAN BHA & 1 ROW OF DP, FILL PIPE & BREAK CIRC, THEN EA. 3 ROWS. TAKING AN HOUR TO FILL PIPE, #1 PUMP NOT PUMPING, & DRILLER FORGOT TO OPEN MUD VALVE & BLEW A NAIL LAST FILL.
5/11/2007	06:00 - 07:30	1.50	TRP	10	TIH, FILL PIPE EA 2 ROWS, INSTALL ROTATING HEAD
	07:30 - 09:30	2.00	RIG	2	TAG BOTTOM, WORK ON PUMPS, PRESSURED UP.
	09:30 - 10:30	1.00	CIRC	1	C&C, MIX & PUMP PILL
	10:30 - 17:00	6.50	TRP	10	TOH F/ EXCESS PRESSURE. 4 NOZZLES PLUGGED DRY FIRST 20 STANDS, THEN CAME WET THE REST OF THE WAY OUT.
	17:00 - 18:30	1.50	TRP	10	PU & MU NEW BIT, LOST SLIP SEGMENT DOWN HOLE.
	18:30 - 20:30	2.00	WOT	4	LD MUD MOTOR & BIT, WO JUNK BASKET
5/12/2007	20:30 - 01:30	5.00	TRP	2	PU MILL TOOTH BIT, JUNK SUB, BIT SUB, & TIH RAN BHA & 1 ROW DP FILL PIPE, THEN FILL PIPE EA. 4 ROWS
	01:30 - 02:30	1.00	OTH		CHANGE OUT SAVER SUB
	02:30 - 06:00	3.50	TRP	2	TIH, FILL PIPE EA. 4 ROWS.
	06:00 - 06:30	0.50	TRP	3	TIH W/ JUNK SUB
	06:30 - 07:00	0.50	REAM	1	W&R 50' TO BOTTOM, 5' FILL
	07:00 - 09:30	2.50	DRL	1	WORK JUNK BASKET, NO EXCESS TORQUE AT ANY TIME WHILE WORKING OR WHILE DRILLING 17' OF NEW HOLE IT WAS AS IF SEGMENT WAS NOT THERE. ONE HAND SWEARS HE SAW IT HIT THE MUD IN THE ANNULAS SO DON'T KNOW WHAT TO MAKE OF IT.
	09:30 - 11:30	2.00	CIRC	1	CIRC BOTTOMS UP & PUMP PILL F/ TOH
	11:30 - 12:00	0.50	RIG	2	REPLACE CHAIN ON PIPE SPINNERS, DIDN'T HAVE A NEW ONE ON LOCATION, HAD TO WAIT FOR IT TO BE DELIVERED BEFORE WE COULD REPLACE IT, USING SPINNERS TO BACK OUT DP JUST IN CASE.
	12:00 - 15:00	3.00	TRP	2	TOH W/ JUNK BASKET
	15:00 - 15:30	0.50	RIG	2	REPAIR CHAIN ON SPINNER
	15:30 - 17:00	1.50	TRP	2	TOH W/ JUNK BASKET & FILL TRIP TANK
	17:00 - 17:30	0.50	RIG	2	REPLACE CHAIN ON SPINNERS
	17:30 - 20:30	3.00			FINISH TOH W/ BASKET, EMPTY CONTENTS, FOUND 5 PC OF STEEL, 1 PC OF TONG DIE ABOUT 1 1/2" LONG W/ A LARGE SCRAP THAT WOULD MATCH UP W/ CUTTERS ON BI-CENTER, & 4 SMALLER PCS. BIT HAD NO JUNK MARKS ON IT AT ALL. ALSO BROUGHT OUT 23 PCS OF ALUMINIUM THE LARGEST IS ABOUT 1 1/4" x 3/4" X 1/4"
	20:30 - 22:30	2.00	RIG	2	REPLACE TABLE LOCK ON BREAK OUT SIDE.
	22:30 - 06:00	7.50	TRP	2	PU BI-CENTER BIT, MUD MOTOR, XO & TIH, RAN BHA & 1 ROW, FILL PIPE & CIRC THEN RUN 4 ROWS AT A TIME, FILL PIPE & CIRC.

Printed: 7/2/2007 1:06:47 PM

Questar E & P
Operations Summary Report

Page 18 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release: 6/16/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/13/2007	06:00 - 13:30	7.50	DRL	1	DRILL 12634' - 12797', 163', 21.73 FPH, WBO 10-11K, RPM 60 ON SURFACE, & 59 DOWN HOLE. 227 GPM.
	13:30 - 14:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	14:30 - 06:00	15.50	DRL	1	DRILL 12797' - 13155', 356', 22.96 FPH, WOB 8-12, RPM 120, 60 ON SURFACE & 60 DOWN HOLE. 230 GPM. LOWER WT SEEMS TO DRILL SLOWER, HOPE TO BE @ CORE POINT AROUND 18:00 THIS EVENING.
5/14/2007	06:00 - 13:30	7.50	DRL	1	DRILL 13155' - 128', 17.06 FPH, WOB 8-12, RPM 120, 60 ON SURFACE, 60 DOWN HOLE, 230 GPM.
	13:30 - 14:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	14:30 - 20:00	5.50	DRL	1	DRILL 13283' - 13275', 92', 16.72 FPH, WOB 8-14, RPM 120, 60 ON SURFACE, 60 DOWN HOLE. 230 GPM.
5/15/2007	20:00 - 00:30	4.50	CIRC	1	C&C F/ CORE, MIX PILL.
	00:30 - 01:00	0.50	SUR	1	DROP SURVEY @ 13313', CHECK FLOW, FLOWING 1/2" STREAM FOR 30 MIN.
	01:00 - 05:00	4.00	CIRC	1	BRING PREMIX TO 13.6 PPG, & SPOT 250 BBL OF 13.6 PPG MUD ON BOTTOM F/ TOH BOTTOMS UP FLARE 8', 3000U+ BUG SPIKE AT BOTTOMS UP.
	06:00 - 10:00	4.00	TRP	2	TOH F/ CORE #1 CAME WET @ STAND # 80 OUT.
	10:00 - 11:30	1.50	CIRC	1	C&C, MIX #2 PILL
	11:30 - 13:30	2.00	TRP	2	FINISH TOH F/ CORE #1, STILL WET AT TIMES. RETRIEVE MULTISHOT SURVEY TOOL, SURVEY @ 13313' 2.3 DEG, 112.6 AZ.
	13:30 - 15:30	2.00	TRP	2	LD MOTOR & BIT, PU CORE BBL & BIT, FUNCTION BOTH PIPES, & BLIND RAMS
	15:30 - 16:30	1.00	TRP	2	TIH W/ BHA & 2 STANDS OF DP, FILL PIPE & CIRC 2 MIN.
	16:30 - 18:00	1.50	RIG	6	SLIP & CUT 162' OF DRLG. LINE
	18:00 - 19:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE.
5/16/2007	19:00 - 22:30	3.50	TRP	2	TIH W/ 4 ROWS DP, FILL PIPE & CIRC. REPEAT EA. 4 ROWS TO 8612', CIRC 1 MIN., 9682', CIRC 2 MIN, TIH TO 11828' FILL PIPE & CIRC EA. 4 ROWS.
	22:30 - 01:30	3.00	CIRC	1	INSTALL ROTATING HEAD @ 11828' & CIRC BOTTOMS UP. 1' FLARE. 2375u GAS
	01:30 - 03:00	1.50	TRP	2	TIH, FILL PIPE @ 12602', TIH TO 13375'
	03:00 - 06:00	3.00	CIRC	1	FILL PIPE & CIRC BOTTOMS UP, 8' FLARE 1 1/2 HR INTO CIRC. DROP BALL TO START CORING.
	06:00 - 17:00	11.00	DRL	1	CUT CORE #1, 13375' - 13435', 60', 5.45 FPH, WOB 4-10K RPM 65, 180 GPM.
	17:00 - 21:00	4.00	CIRC	1	BREAK OFF CORE, C&C F/ TOH W/ CORE #1 BOTTOMS UP GAS 4012u
	21:00 - 22:00	1.00	CIRC	1	SPOT 230 BBL OF 13.6 PPG MUD ON BOTTOM.
	22:00 - 06:00	8.00	TRP	2	TOH W/ CORE #1
	06:00 - 07:00	1.00	GEO	2	LD CORE #1, 100% RECOVERY, 60'
	07:00 - 08:00	1.00	GEO	2	CHANGE BITS & SPACE OUT.
5/17/2007	08:00 - 13:00	5.00	TRP	2	TIH F/ CORE #2, FILL PIPE & CIRC @ BHA & 1 ROW DP, THEN EA 4 ROWS TO 76 STANDS & CIRC 5 MIN. RIH TO 11832'.
	13:00 - 13:30	0.50	TRP	2	PULL STRIPPING RUBBER OUT OF BERRING ASSM, & INSTALL ROTATING HEAD RUBBER.
	13:30 - 14:00	0.50	CIRC	1	CIRC. 30 MIN.
	14:00 - 15:00	1.00	TRP	2	TIH W/ LAST 18 STANDS PU 2 JTS OF DP..
	15:00 - 17:00	2.00	CIRC	1	CIRC BOTTOMS UP. BUG = 2548u 2' FLARE.
5/18/2007	17:00 - 06:00	13.00	GEO	2	TAG BOTTOM, & START CORE #2 @ 13435' - 13487', 52', 4.0 FPH, WOB 4-10, RPM 65, 180 GPM. HOPE TO BE @ 13495' BY 08:00.
	06:00 - 08:30	2.50	GEO	2	CORE, 13487' - 13495', 8', 4.0 FPH, WOB 9-10K, RPM 65, 180 GPM.
	08:30 - 10:30	2.00	CIRC	1	BREAK CORE, CIRC BOTTOMS UP, MUD LOGGERS EQUIPMENT QUIT WORKING, NO ACCURATE GAS READING
	10:30 - 18:00	7.50	TRP	2	CHECK F/ FLOW, PUMP PILL, TOH W/ CORE #2. LOST 14 BBL OF MUD ON TOH.
	18:00 - 19:00	1.00	GEO	2	LD CORE #2, 100% RECOVERY, 60+'

Printed: 7/2/2007 1:06:47 PM

Questar E & P
Operations Summary Report

Page 19 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release: 6/16/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/18/2007	19:00 - 01:30	6.50	TRP	10	PU BIT, MUD MOTOR, XO, & TIH TO 5500', BREAK CIRC. THEN EA. 4 ROWS TO 12603'
	01:30 - 02:00	0.50	RIG	8	REMOVE GRABBER BOX F/ TOP DRIVE.
	02:00 - 04:00	2.00	CIRC	1	CIRC. BOTTOMS UP
5/19/2007	04:00 - 06:00	2.00	RIG	2	REPLACE TORQUE CONVERTER SEAL ON #2 FLOOR MOTOR
	06:00 - 09:00	3.00	RIG	2	REPAIR RIG, FINISH REPALCING SEAL IN TORQUE CONVERTER ON #2 FLOOR MOTOR
	09:00 - 10:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	10:00 - 10:30	0.50	TRP	10	FINISH TIH PU 2 JTS DP.
	10:30 - 11:30	1.00	REAM	1	W&REAM 120' TO BOTTON, DRILL UP CORE STUMP
5/20/2007	11:30 - 06:00	18.50	DRL	1	DRILL 13495' - 13835', 340', 18.37 FPH, WOB 8-14K, RPM 120, 60 ON SURFACE, 60 DOWN HOLE. 230 GPM BOP DRILL BOTH CREWS. 13715' - 13720' TOOK 2 HOURS TO DRILL.
	06:00 - 11:00	5.00	DRL	1	DRILLING 13835' - 13931', 96', 19.2 FPH, WOB 10-11K, RPM 120, 60 ON SURFACE, 60 DOWN HOLE 230 GPM
	11:00 - 12:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	12:00 - 17:00	5.00	DRL	1	DRILL 13931' - 14043', 112', 22.2 FPH, WOB 10-11K, RPM 120, 60 ON SURFACE, 60 DOWN HOLE, 230 GPM
	17:00 - 18:30	1.50	RIG	2	RIG REPAIR, BOTH PUMPS DOWN, NOTHING REALY STOOD OUT AS THE PROBLEM, BUT I THINK WE MAY HAVE A CHARGE PUMP PROBLEM.
	18:30 - 00:00	5.50	DRL	1	DRILL 14034' - 14116', 73', 13.27 FPH, WOB 10-14k, RPM 45-65 ON SURFACE, 60 DOWN HOLE, 230 GPM GAS TO SURFACE
5/21/2007	00:00 - 06:00	6.00	WCL	1	8108u GAS TO SURFACE VENTING THROUGH BUSTER, CIRC OUT GAS ON BUSTER, 12-25' FLARE. PUMP PRESSURE STARTED FALLING OFF @ 14101', NOT MUCH INCREASE IN FLOW UNTIL JUST BEFORE GAS HIT SURFACE. LOOSING 8.5 BPH MUD, CIRC W/ 15-25' FLARE, BGG 300 - 400u THROUGH BUSTER.
	06:00 - 14:30	8.50	WCL	1	CIRC OUT GAS ON CHOKE, RAISED WT F/ 13.3 - 13.5, SHUT IN WELL CHECK F/ PRESSURE, NONE. CIRCULATED BOTTOMS UP 3 TIMES, THEN CHECKED F/ FLOW, NONE, STARTED TO CIRCULATE, FLOW F/ 0 - 50%, VERY SPRATIC. FLOW STEADY WHILE ON CHOKE, GAINING VOLUME WHILE CIRCULATING, RUNNING 7 BPH OF MU WATER.
	14:30 - 03:00	12.50	DRL	1	DRILL 14116' - 14330', 214', 17.12 FPH, WOB 2-8, RPM 120, 60 ON SURFACE, 60 DOWN HOLE, FLOW HAS BEEN ERATIC SINCE WE HAVE BEEN BACK TO DRILLING, THIS TIME IT LOOKS AS THOUGH WE TOOK ABOUT A 50 BBL GAIN. WHEN GAS HIT SURFACE IT BLEW THE FLOW SENSOR OUT OF THE FLOW LINE.
	03:00 - 06:00	3.00	WCL	1	SHUT IN WELL, FCP AT 1100 PSI AND CLIMBING WITH CHOKE 1/2 OPEN, 3" CHOKE LINE LEAKING, SI WELL TO FIX & SICP HIT 1750 IN 3 MIN. OPENED CHOKE BACK UP FCP @ 1600 W/ CHOKE 1/4 OPEN. HAVE NOT TRIED TO GET A SIDPP AS SHOE IS ONLY GOOD TO 2650 PSI WILL TRY TO GET MUD ON BACK SIDE, APPEARS TO BE LOOSING FLUID AS DPP WILL CLIMB TO 1100 PSI & FALL OFF TO 1070 PSI, FCP WILL FALL TO 1600 THEN CLIMB TO 1700-1800.
5/22/2007	06:00 - 20:00	14.00	WCL	1	CIRC OUT GAS ON CHOKE, RAUSED MW F/ 13.6 PPG TO 14.0 PPG, MADE 3 COMPLETE CIRCULATIONS, SICP 0. SIDPP 0. OPNED ANNULAR, NO FLOW. CHANGE OUT ROTATING HEAD BERRING ASSM. WELL SWABBING WHEN WE PULLED STAND TO CHANGE UT HEAD.
	20:00 - 20:30	0.50	WCL	1	STARTED TO CIRC THROUGH BUSTER, GAINED 52 BBL
	20:30 - 22:00	1.50	WCL	1	SIW & CIRC OUT GAS ON CHOKE, RAISING MW TO 14.2 PPG. ON CIRC #2 AT PRESENT, CHOKE FULL OPEN, MW IN 14.2, MW OUT 13.9 GAS CUT, GAINING FLUID SINCE 01:45, PARTIAL MU WATER, PARTIAL BARITE ADDITIONS, BUT STILL SEEM TO BE IN EXCESS OF THAT. WILL SEE BOTTOMS UP AROUND
	22:00 - 06:00	8.00	WCL	1	

Printed: 7/2/2007 1:06:47 PM

Operations Summary Report

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release: 6/16/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/22/2007	22:00 - 06:00	8.00	WCL	1	06:00
5/23/2007	06:00 - 06:00	24.00	WCL	1	CIRC OUT GAS ON CHOKE, MADE 3 CIRCULATIONS, CHECK F/ FLOW, WELL STATIC F/ 3 MIN, THEN FLOWING 27 BPH, SURGING, LET WELL FLOW 30 MIN, GAINED 6 BBL ACCORDING TO PVTS. SI & MONITOR PRESSURES, SICP STABILIZED @ 340, SICP SLOW STROKE PUMP, FLOAT OPENED @ 275 SIDPP. CIRC & RAISED WT TO 14.7 PPG, FIRST ROUND, THEN TO 15.0 ON SECOND ROUND. CIRC ROUNG #3 BEFORE CHECKING F/ FLOW, MW IN 15.0, MW OUT 14.6 AT REPORT TIME.
5/24/2007	06:00 - 07:00	1.00	CIRC	1	CIRCULATE THROUGH CHOKE
	07:00 - 07:30	0.50	OTH		OPEN ANNULAR AND CHECK FOR FLOW (NO FLOW)
	07:30 - 09:30	2.00	CIRC	1	CIRCULATE BOTTOMS UP TO SEE GAS/ FLARE SIZE (6'-8')/5400 GAS UNITS PEAK
	09:30 - 16:30	7.00	DRL	1	RESUME DRILLING FROM 14,330 TO 14,450 (ROP 17' HR) WOB 10K, 44 ROT, 92 STROKES,
5/25/2007	16:30 - 17:30	1.00	RIG	1	RIG SERVICE /GREASE RIG AND TOP DRIVE
	17:30 - 02:30	9.00	DRL	1	DRILLING FROM 14,450 TO 14,644 (ROP 21.5' HR.)
	02:30 - 03:30	1.00	CIRC	1	CIRCULATE GAS HAD 11 BBL GAIN AND GAIN IN GAS UNITS,
	03:30 - 06:00	2.50	DRL	1	DRILLING FROM 14,644 TO 14,690 (ROP 18.4' HR.)
	06:00 - 10:30	4.50	DRL	1	DRILLING FROM 14,690 TO 14,775 (ROP 18.9' HR) WOB 8-10/ ROT. RPM 44/ SPM 92
	10:30 - 11:00	0.50	CIRC	1	CIRCULATE GAS- LOST TOTAL RETURNS FOR 5-7 MIN (DRY GAS 15-20' FLARE) REGAIN RETURN WITH NO LOSSES
	11:00 - 19:30	8.50	DRL	1	DRILL FROM 14,775 TO 14,890 (ROP 13.5' HR) TRY DIFFERNT PERAMITORS TO GET TO DRILL-NO LUCK FRILLING A STEADY 7'-9' HR
	19:30 - 21:30	2.00	CIRC	1	CIRCULATE BOTTOMS UP & BUILD PILL FILL TRIP TANK
	21:30 - 22:00	0.50	SUR	1	DROP SURVEY
	22:00 - 22:30	0.50	CIRC	1	PUMP 1# OVER PILL AND SPOT
	22:30 - 23:30	1.00	TRP	10	TRIP OUT FOR BIT #23 AND MUD MOTOR TO 13046, (HOLE NOT TAKING PROPER FILL STOPPED AND CHECK FOR FLOW-SLIGHT FLOW
	23:30 - 03:30	4.00	CIRC	1	CIRCULATE BOTTOMS UP TWICE WHILE BUILDING #2 SLUG/GAS IS FEEDING IN FROM BOTTOM SO DISCUSSED WITH STEVE AND DECIDED TO TRIP TO BOTTOM AND BRING WT UP
	03:30 - 05:00	1.50	TRP	2	TRIP IN 19 STANDS
	05:00 - 06:00	1.00	CIRC	1	CIRCULATE THROUGH HALF CHOKE HOLDING STAND PIPE PSI @ 1200-CASING 900/ (PUMP WENT DOWN WENT TO SWITCH PUMP AND GAIN 30 BBLs, SHUT IN WELL 1900 PSI ON CSING
5/26/2007	06:00 - 11:00	5.00	CIRC	1	CIRCULATING THROUGH CHOKE-OFF CHOKE @ 6:45-BOTTOMS UP 30-35' FLARE/30 BBL GAIN, BRING MUD WT UP TO 15.5 ALL THE WAY AROUND, BUILD 2# SLUG TO SPOT
	11:00 - 12:00	1.00	CIRC	1	SPOT #2 OVER PILL ALL IN OPEN HOLE AND INTO CASING 20 FEET
	12:00 - 13:00	1.00	TRP	10	TRIP OUT OF HOLE 10 STANDS (SLOW) (NOT TAKING PROPER AMOUNT OF FLUID (NONE GOING BACK INTO PIT IN OVER FILL TUBE)
	13:00 - 13:30	0.50	OTH		STOPPED CHECK FOR FLOW WELL STILL FLOWING BUT WASN'T GAINING IN MUD TANKS, CHECKED EQUIPMENT-CHARGE PUMP WAS ON HAND IN PUMP HOUSE, CHECK FLOW GAIN (NO FLOW)
	13:30 - 14:30	1.00	TRP	12	TRIP TO SHOE (WET)-SLOW
	14:30 - 15:00	0.50			PUMP DRY SLUG AND FILL TRIP TANK CHECK FLOW (NO FLOW)
	15:00 - 20:00	5.00	TRP	12	TRIP OUT OF HOLE
	20:00 - 21:00	1.00	OTH		HANDLE BHA AND CHANGE MUD MOTOR AND BI CENTER BIT/ SURVEY 1.2 @14,836 (FUNCTION TEST BOPE EQUIP MENT)
	21:00 - 04:00	7.00	TRP	2	TRIP IN HOLE TO SHOE BREAK CIRCULATION AT BHA AND EVERY 33 STANDS DEPTHS- 1292, 4116, 7417, 10,622 (RAN 3 FT FLARE ON TRIP IN / WELL WAS NOT FLOWING ON FLOW CHECKS)

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/26/2007	04:00 - 04:30	0.50	CIRC	1	BREAK CIRCULATION @ SHOE
	04:30 - 06:00	1.50	RIG	6	SLIP AND CUT DRILLING LINE @ SHOE (18 WRAPS)
5/27/2007	06:00 - 07:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE FUNCTION ANNULAR
	07:00 - 07:30	0.50	TRP	2	TRIP IN TWELVE STANDS-SLOW
	07:30 - 08:00	0.50	CIRC	1	BREAK CIRCULATION, CIRCULATE 1/2 OF 2# SLUG INTO CASING TO BLEND
	08:00 - 08:30	0.50	TRP	2	TRIP IN 11 STANDS SLOW
	08:30 - 10:30	2.00	CIRC	1	CIRCULATE BOTTOMS UP/ WASH TO BOTTOM STAGE PUMP UP TO BREAK CIRCULATION, PEAK GAS 1600 UNITS NO GAIN IN MUD OR FLOW
5/28/2007	10:30 - 06:00	19.50	DRL	1	DRILL FROM 14890 TO 15180 (ROP 14.8' HR)
	06:00 - 13:30	7.50	DRL	1	DRILL FROM 15,180 TO 15,291 (ROP 14.8' HR)-GAS FROM DEPTH OF 15206, HAD FLOW INCREASE AND AN 18 BBL GAIN IN PITS
	13:30 - 14:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
5/29/2007	14:30 - 06:00	15.50	DRL	1	DRILL FROM 15,291 TO 15,490 (ROP 12.8' HR)
	06:00 - 14:00	8.00	DRL	1	DRILL FROM 15,490 TO 15,583 (ROP 11.6' HR)
	14:00 - 15:00	1.00	RIG	1	RIG SERVICE- GREASE BLOCKS, SWIVEL AND COMPOUND, TOPDRIVE
	15:00 - 19:30	4.50	DRL	1	DRILL FROM 15,583 TO 15654 (ROP 15.7) HAVING TO KEEP WOB 15, CLAY LIKE SILT STONE COMING OVER SHAKERS
	19:30 - 22:30	3.00	CIRC	1	CIRCULATE BOTTOMS UP 2 TIMES TO CLEAN OUT GAS IN WELL BORE, GAS WAS FROM DEPTH OF 15,623 CALCULATED, GAINED 30 BBL AND FLARE 15-20' HIGH, GAS UNITS BEST-6100 UNITS SURGED WHEN GAS HIT SHAKERS BROUGHT MUD WT TO 15.5
5/30/2007	22:30 - 06:00	7.50	DRL	1	DRILL FROM 15,654 TO 15,720 (ROP 8.8' HR.)
	06:00 - 09:30	3.50	DRL	1	DRILL FROM 15,720 TO 15,777 (ROP 16.2' HR)
	09:30 - 10:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	10:30 - 11:30	1.00	DRL	1	DRILL FROM 15,777 TO 15,805 (ROP 28' HR)
	11:30 - 12:30	1.00	CIRC	1	CIRCULATE OUT GAS THROUGH CHOKE PIT GAIN OF 40 BBL.S/ 100 PSI ON CASING PRESSURE ON FULL OPEN CHOKE
	12:30 - 13:00	0.50	DRL	1	DRILL FROM 15,805 TO 15,841 (ROP 72' HR)
	13:00 - 13:30	0.50	CIRC	1	CIRCULATE THRU CHOKE ON SECOND BOTTOMS UP-IT HAD A GOOD PUSH TO IT/PICKED UP AND PUT ON THE CHOKE GAINED 28 BBL.S
	13:30 - 06:00	16.50	DRL	1	DRILL FROM 15,841 TO 16,022 (ROP 10.9' HR) (BROUGHT MW TO 15.6 TO CONTROL CONNECTION GAS SEEMS TO BE HOLDING CONNECTION GAS BACK)
5/31/2007	06:00 - 10:00	4.00	DRL	1	DRILLING FROM 16,022 TO 16,069 (ROP 11.75' HR)
	10:00 - 11:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	11:00 - 06:00	19.00	DRL	1	DRILL FROM 16,069 TO 16,295 (ROP 11.89' HR) @ 16,209 SLOWED DOWN TO 9 FOOT A HOUR, CHANGE BIT PERAMETERS NO CHANGE/ CHECKED WITH MUD LOGGER CHANGED FROM 80% SHALE, 10% SILTSTONE, 10% SANDSTONE CHANGED TO 50% SHALE, 50% SILTSTONE STARTED PICKING UP @ 16,269
6/1/2007	06:00 - 11:30	5.50	DRL	1	DRILL FROM 16,295 TO 16,360 (ROP 11.8' HR) WOB 15, DHRPM 110, MW 15.5
	11:30 - 12:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	12:30 - 18:00	5.50	DRL	1	DRILL FROM 16,360 TO 16,452
	18:00 - 06:00	12.00	RIG	2	WORK ON SWAB, LINER, DIS-CHARGE MODULE ON #2 MUD PUMP OFF BULL WHEEL SIDE/ #1 MUD PUMP CROSS HEAD OUT PUMP IS UNOPERATABLE, CHANGE OUT SWIVEL PACKING ALSO (CAN'T CIRCULATE, WORK PIPE UP AND DOWN)WELL STARTED FLOWING 1 BBL HR SHUT IN WELL AT 00:00, @ 2:30 WELL HAD ZERO CASING PRESSURE OPEN WELL AND RE CHECK FLOW AND WORK PIPE (WELL FLOWING 3/4 BBL AN HOUR) RE SHUT IN WELL
6/2/2007	06:00 - 10:30	4.50	RIG	2	WORK ON #2 PUMP MODULE,COULDN'T GET HEX-BOLT'S OUT OF MODULE, MONITORING WELL (#1 PUMP HAS X-HEAD OUT)# PUMP WAS READY @ 11:30

Questar E & P
Operations Summary Report

Page 22 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release: 6/16/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/2/2007	10:30 - 15:00	4.50	CIRC	1	CIRCULATE GAS-BOTTOMS UP TWICE WITH HALLIBURTON (5 BBL MIN) FIRST HAD A GOOD PUSH HAD TO SHUT IN AND HOLD 3/4 CHOKE WITH 300 PSI ON CHOKE HAD 32 BBL GAIN, GAS UNITS ALL OVER DUE TO LEVEL OF MUD AT SHAKERS 35' FLARE AT PEAK
	15:00 - 16:30	1.50	CIRC	1	SPOT 190 BBL PILL 17.4 OVER FOLLOWED BY 130 BBL 15.5 MUD
	16:30 - 01:00	8.50	TRP	2	TRIP OUT OF HOLE SLOW TO SHOE-TIGHT SPOT'S AT 15,510, 15,164 PULLED UP WORKED DOWN AND PULLED THROUGH WITH REG. DRAG (LOOKS GOOD) FLOW CHECKED AT SHOE (NO FLOW)
	01:00 - 02:30	1.50	TRP	1	HANDLE BHA LAY DOWN MUD MOTOR AND PICK UP HIGH SPEED MUD MOTOR AND SURFACE TEST 200 GPM 500 PSI, PICK AND LAY DOWN JARS
6/3/2007	02:30 - 06:00	3.50	TRP	2	TRIP IN HOLE FILL PIPE AT BHA, AND EVERY 3 ROWS
	06:00 - 09:30	3.50	TRP	2	TRIP IN HOLE WITH IMPREG AND HIGH SPEED MUD MOTOR, FILL EVERY 33 STANDS TO SHOE FILLS BHA, 4463, 7816, 10,675, 12,738
	09:30 - 10:30	1.00	OTH		INSTALL ROTATING RUBBER (PULL STRIPPING RUBBER OUT OF ROTATING HEAD)
	10:30 - 11:30	1.00	OTH		FIX OIL LEAKS ON TOP DRIVE, CHANGE SAVER SUB, GRABBER DIES
	11:30 - 12:00	0.50	TRP	2	TRIP IN 20 STANDS IN OPEN HOLE (SLOW)
	12:00 - 12:30	0.50	CIRC	1	BREAK CIRCULATEION, CIRCULATE HEAVY PILL INTO CASING (BLEND)
	12:30 - 13:00	0.50	TRP	2	TRIP AND SCREW INTO LAST STAND TO CIRCULATE BOTTOMS UP
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE 2# OVER SLUG OUT OF HOLE WHILE WASHING TO BOTTOM
	14:00 - 14:30	0.50	OTH		CHANGE OUT GASKET ON ROTATING HEAD (LEAKING MUD IN SUB AND FILLED CELLUR
	14:30 - 16:00	1.50	CIRC	1	CIRCULATE 2# OVER SLUG OUT OF HOLE HAD 23 BBL GAIN, 10' FLARE, 7002 UNITS OF PEAK GAS
	16:00 - 20:00	4.00	DRL	1	DRILLING FROM 16,452 TO 16,472 (ROP 5' HR)
	20:00 - 20:30	0.50	RIG	2	RIG REPAIR SHUT DOWN DRILLING TO PULL OFF PUMP SHED TOP AND PUMP OUT WITH CRANE
6/4/2007	20:30 - 06:00	9.50	DRL	1	DRILLING FROM 16, 472 TO 16,522 (ROP 5.25' HR) WOB 12/ ROT 65/ GPM 242/ DHRPM 522
	06:00 - 13:00	7.00	DRL	1	DRILL FROM 16,522 TO 16,559 (ROP 5.2' HR) WOB 12, ROT 65, DHRPM 527 (DAKOTA SILT CAME IN @ 16,516)
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE (GREASE COMPOUND, DRAW-WORKS, TOP DRIVE, SWIVEL PACKING)
6/5/2007	14:00 - 06:00	16.00	DRL	1	DRILL FROM 16,559 TO 16,661 (ROP 6.3' HR) WOB 14, ROT 65, DHRPM 527
	06:00 - 12:30	6.50	DRL	1	DRILL FROM 16,661 TO 16,721 (ROP 9.2' HR) TALK TO BLM FOR EXTENSION FOR BOPE TEST TALKED TO RAY ARNOLD AND IT WAS OKED BY MATT BAKER
6/6/2007	12:30 - 13:30	1.00	RIG	1	RIG SERVICE, GREASE TOP DRIVE, COMPOUND, DRAW-TOOL
	13:30 - 06:00	16.50	DRL	1	DRILL FROM 16,721 TO 16,878 (ROP 9.5' HR)
	06:00 - 10:00	4.00	DRL	1	DRILL 16,878 TO 16,916 (ROP 9.5' HR) WOB 13, RPM 62, DHRPM 497
	10:00 - 11:00	1.00	RIG	1	SERVICE TOP DRIVE, COMPOUND, SWIVEL, DRAWTOOL
	11:00 - 03:30	16.50	DRL	1	DRILL 16,916 TO 17,045 (ROP 7.8' HR) WOB 15, RPM 65, DHRPM 500
6/7/2007	03:30 - 04:00	0.50	OTH		WORK TIGHT HOLE ON CONNECTION, WORK UP THROUGH (WANTED TO PACK OFF), WORK BACK TO BOTTOM 1' OF TIGHT SPOT
	04:00 - 06:00	2.00	DRL	1	DRILL 17,045 TO 17,060 (ROP 7.5' HR) WOB 15, RPM 65, DHRPM 500
	06:00 - 14:00	8.00	DRL	1	DRILL 17060' - 17110', 50', 6.25 FPH, WOB 14K, RPM 65 ON SURFACE & 500 DOWN HOLE
	14:00 - 15:30	1.50	RIG	1	SREVICE RIG & TOP DRIVE, WORK TIGHT CONNECTION FOR AN HOUR OF THIS
	15:30 - 16:00	0.50	DRL	1	DRILL 17110' - 17114', 4' CALLED TD FOR THIGH CONNECTIONS, RAISING MW TO 15.5 PPG
	16:00 - 21:00	5.00	CIRC	1	CIRC & COND F/ SHORT TRIP, RAISING MW TO 15.5 PPG.
	21:00 - 22:30	1.50	TRP	14	STARTED SHORT TRIP, FIRST 5 STANDS TIGHT, PUMPED OUT #2 & 3

Printed: 7/2/2007 1:06:47 PM

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/7/2007	22:30 - 23:00	0.50	CIRC	1	PUMPED 30 BBL PILL, CAME WET, PULLED 3 MORE STANDS, PUMP MORE PILL
	23:00 - 01:30	2.50	TRP	14	FINISHED SHORT TRIP WET, WASHED LAST 90' TO BOTTOM. NO FILL
	01:30 - 06:00	4.50	CIRC	1	C&C, GAINED 52 BBL, SHUT WELL IN & CIRC THOROUGH CHOKE, OPENED WELL BACK UP, INCREASED STROKES, PRESSURE CAME UP, PIPE MOVES FREE, WHEN YOU SHUT DOWN THE PUMP THE PRESSURE DROPS RIGHT OFF. 05:45, MOVED PIPE DOWN & SET 3K ON BIT, PRESSURE DROPPED OFF, AS OF NOW PRESSURES ARE ABOUT RIGHT.
6/8/2007	06:00 - 10:00	4.00	CIRC	1	C&C, CIRCULATE OUT GAS, MAINTAIN 15.5 PPG MW. MUD MOTOR PRESSURING UP. SET WT ON BIT AND PRESSURE WOULD FALL OFF FOR A WHILE.
	10:00 - 12:30	2.50	TRP	2	TOH 7 STANDS, PUMPED OUT #2 & 3, ROTATED THE REST OUT WITH OUT PUMP.
	12:30 - 13:30	1.00	CIRC	1	C&C, MOTOR LOCKED UP, BLEW A NAIL
	13:30 - 14:00	0.50	RIG	2	REPLACE NAIL IN POP OFF.
	14:00 - 17:30	3.50	CIRC	1	CIRC W/ HALIBURTON, BLEW THE PACKING OUT OF DRIVER SIDE PUMP, CIRC W/ 1 PUMP, BLEW PACKING OUT OF IT ALSO.
	17:30 - 23:00	5.50	CIRC	1	CIRC W/ RIG PUMP @ 53 SPM @ 3 BPM @ 2800 PSI. SPOTTED 250 BBLOF 17.5 PPG MUD @ 16462', & DISPLACED W/ 175 BBL OF 15.5 PPG MUD
6/9/2007	23:00 - 06:00	7.00	TRP	2	TOH F/ LOGS W/ SLM, WET & SLOW HOPE TO BE RIGGING UP LOGGERS BY NOON
	06:00 - 11:00	5.00	TRP	2	TOH F/ LOGS W/ SLM SLOW & WET ALL THE WAY
	11:00 - 12:00	1.00	RIG	2	RIG REPAIR, WORK ON TRIP TANK MOTOR
	12:00 - 14:00	2.00	TRP	2	TOH F/ LOGS W/ SLM SLOW & WET ALL THE WAY
	14:00 - 16:00	2.00	RIG	2	WORK ON ROTARY BUSHINGS SO WE COULD REMOVE THE ROTATING HEAD, EDGES ROLLED IN FROM BEATING ON TABLE WHEN SLIPS WOULD STICK, HANDS NOT DOPING BUSHINGS OR SLIPS.
	16:00 - 19:00	3.00	TRP	2	FINISH TOH F/ LOGS W/ SLM, HAD PROBLEMS WITH CROWN -O- MATIC. SLM = 13.65' LONG. NO CORRECTIONS.
	19:00 - 22:30	3.50	OTH		CLEAN FLOOR & INSTALL LOGGING ADPTER
	22:30 - 23:30	1.00	OTH		SCHLUMBERGER, TOOK, TIME TO SET UP SATALITE, & COMPUTERS
6/10/2007	23:30 - 05:00	5.50	LOG	1	BEFORE STARTING IN THE HOLE FOR FEAR OF BHT & WO SHEVE RIH W/ TRIPPLE COMBO W, BHC SONIC, TAG UP @ 13450', FIRST READING @ 13556', & LOG OUT TO SHOE @ 12605'
	05:00 - 06:00	1.00	LOG	1	RD SCHLUMBERGER
	06:00 - 07:30	1.50	OTH		RD SWS, LD LOGGING ADPTOR & MUD MOTOR. PU BIT, & BIT SUB.
	07:30 - 12:00	4.50	TRP	2	TIH W/ BHA, FILL PIPE & CIRC @ 1268'.
	12:00 - 12:30	0.50	RIG	2	REPAIR HYDROMATIC
	12:30 - 18:00	5.50	TRP	2	TIH, FILL PIPE & CIRC @ 5548', 9723', TIH TO 12740
	18:00 - 19:00	1.00	OTH		INSTALL ROTATING HEAD
	19:00 - 20:00	1.00	RIG	6	SLIP & CUT 19 WRAPS OF DRILLING LINE WHILE CIRC & COND.
	20:00 - 21:00	1.00	CIRC	1	SERVICE RIG, CIRC BU. 2-3' FLARE.
	21:00 - 00:00	3.00	TRP	2	TIH F/ 12740' - 14817' & CIRC BU, 5' FLARE
6/11/2007	00:00 - 02:00	2.00	TRP	2	TIH F/ 14817' TO 17114', W&R 194' TO BOTTOM, 15' OF FILL LAST 20' PRETTY SNUG.
	02:00 - 05:00	3.00	CIRC	1	CIRC BU, 10' FLARE
	05:00 - 06:00	1.00	CIRC	1	SPOT 228 BBL OF 17.5 MUD ON BOTTOM.
	06:00 - 11:00	5.00	TRP	2	TOH TO 11279', ROTATED OUT FIRST 7 STANDS, NEXT 5 STANDS WERE TIGHT. PULLED 60 STANDS.
	11:00 - 13:00	2.00	CIRC	1	CIRC BOTTOMS UP TO CLEAN UP GAS, RU LD MACHINE, PUMP PILL,
	13:00 - 21:30	8.50	TRP	3	LDDP, TO BHA
	21:30 - 23:30	2.00	TRP	2	RD LD POLE & TIH W/ 60 STANDS OF DP.

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/11/2007	23:30 - 06:00	6.50			RU LD POLE & LD DP
6/12/2007	06:00 - 07:30	1.50	TRP	2	LDDP & DCS
	07:30 - 08:00	0.50	OTH		DRAIN STACK & PULL WEAR BUSHING
	08:00 - 10:30	2.50	CSG	1	RU ROCKY MOUNTAIN CASERS HOLD SAFETY MEETING
	10:30 - 14:30	4.00	CSG	2	PU & RUN 4 1/2" 15.1# Q-125 & P-110 FILL PIPE @ 220', 1270' & 5175'
	14:30 - 15:00	0.50	CIRC	1	CIRC & COND MUD F/ BOTTOMS UP.
	15:00 - 16:30	1.50	CSG	2	RUN P-110 TO 7694', BROKE AIR LINE ON HIGH CLUTCH
	16:30 - 19:00	2.50	RIG	2	FILL PIPE & CIRC WHILE REPAIRING AIR LINE, PUT AIR TO CLUTCH & LINE BLEW OFF AGAIN. WOULD NOT HAVE SHUT DOWN TO FILL PIPE IF WE HADN'T BROKE DOWN.
	19:00 - 22:30	3.50	CSG	2	RUN P-110 TO 12223'
	22:30 - 01:30	3.00	CIRC	1	FILL PIPE & CIRC BOTTOMS UP, WORK ON HIGH CLUTCH WHILE CIRCULATING.
	01:30 - 02:30	1.00	CSG	2	RUN P-110 to 14327'
	02:30 - 04:00	1.50	CIRC	1	FILL PIPE & CIRC, 3000u GAS, 12' BRIEF FLARE.
	04:00 - 05:30	1.50	CSG	2	RUN P-110 TO 15440'
	05:30 - 06:00	0.50	CIRC	1	FILL PIPE & CIRC BOTTOMS UP.
	06:00 - 08:00	2.00	CIRC	1	CIRC BOTTOMS UP, @ 14440' 2-5' FLARE
6/13/2007	08:00 - 09:30	1.50	CSG	2	FINISH RUNNING THE LAST OF THE P-110, MU LJ.
	09:30 - 10:00	0.50	OTH		PULL ROTATING HEAD
	10:00 - 10:30	0.50	REAM	1	WAHED 8' TO GET ROTATING RUBBER INTO HEAD
	10:30 - 11:00	0.50	OTH		INSTALL ROTATING RUBBER IN BODY
	11:00 - 12:00	1.00	REAM	1	TRIED TO WASH TO BOTTOM, BUT COULDN'T MOVE PIPE DOWN, SETTING TOOL RIGHT UNDER ROTATING RUBBER, CAN'T MOVE UP, FLUTED HANGER HUNG UP IN STACK. CLOSED ANNULAR TO CENTER UP PIPE CAME LOOSE, WASHED UN TIL WE CAN'T GET ANY PRESSURE INCREASE NO MATTER WHAT WE DO. WILL CIRC OUT GAS & TRY TO PULL 10' JT FROM UNDER HANGER.
	12:00 - 14:00	2.00	CIRC	1	CIRC OUT GAS
	14:00 - 14:30	0.50	OTH		PULL ROTATING HEAD
	14:30 - 15:00	0.50	CSG	2	LD 10' PUP JT
	15:00 - 15:30	0.50	OTH		INSTALL ROTATING HEAD
	15:30 - 17:00	1.50	CSG	2	WASH BOTTOM, TRYING TO WASH TO CSG. HEAD, PIPE APPEARS TO BE STUCK, AND NOT ENOUGH ROOM TO WORK WITH HANGER & ROTATING HEAD, STRING WT. TO HANGER 42", 30K WILL NOT PRESSURE UP OR PULL FREE.
	17:00 - 21:30	4.50	CMT	1	RU HES & CIRC W/ RIG PUMP
	21:30 - 00:30	3.00	CMT	2	CHANGE OVER & TEST LINES TO 8K, PUMP 10 BBL OF CLAY FIX, 30 BBL OF TUNED SPACER, 865 SX OF CLASS "G", WT. 16 PPG, YIELD 1.49, 229 BBL OF SLURRY, DROP PLUG & DISPLACE W/ 10 BBL OF FRESH WATER, 146 BBL OF 26.5% KCL WATER, WT 9.5 PPG. DID NOT BUMP PLUG, FLOATS DID NOT HOLD, SI W/ 4100 PSI. DISPLACEMENT PRESSURE HIT 8600 PSI, BLEED OFF TO 4100 & SI.
	00:30 - 06:00	5.50	WOT	1	SI CSG HEAD & WOC, MONITOR PRESSURES ON CSG & BACK SIDE. BACK SIDE PSI = 540, CSG PRESSURE UK CSG HEAD LEAKING.
					PICKED UP & RAN 79 JTS OF 4 1/2" 15.1# Q-125 LT&C, 304 JTS OF 4 1/2" 15.1# P-110, LT&C, RAN MARKER JTS @ 12000' & 13000'. RAN 55 CENTRALIZERS EVERY 3rd JT TO 12500' THEN EVERY 4th JT UNTIL 55 WERE IN THE HOLE. STACKED FLOAT COLLAR & SHOE W/ WEATHERFORD COLLETTE & LATCH DOWN PLUG.
6/14/2007	06:00 - 06:30	0.50	OTH		SICP 550, BLEED OFF, BLEED OFF CSG. BACK SIDE FLOWING 1/4" STREAM
	06:30 - 09:30	3.00	OTH		GRIND OUT MASTER BUSHINGS MONITOR BACK SIDE FLOW, SI AFTER 1 HR.

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ENSIGN

Spud Date: 1/24/2007
 Rig Release: 6/16/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/14/2007	09:30 - 12:30	3.00	BOP	1	RU IPS BOP LIFTS, ND BOP
	12:30 - 13:30	1.00	CSG	7	OPEN BACK SIDE W/ 850 PSI, FLOWING 17 BPH, LIFT STACK, SET SLIPS W/ 26KI INDICATED STRING WT. MAKE ROUGH CUT.
	13:30 - 14:30	1.00	BOP	1	RESET STACK, FLUTED MANDREL HANGING IN STACK.
	14:30 - 18:00	3.50	OTH		RD IPS, RU HARD LINE TO DITCH, INSTALL BULL PLUG, NEEDLE VALVE & 5K GAUGE, OPEN WING VALVE, OPEN NEEDLE VALVE, 1600 PSI ON BS, MONITOR PRESSURES & BLEED OFF EVERY HR. LD LANDING JT W/ HANGER CLEAN FLOOR LD 4" TOOLS.
	18:00 - 19:00	1.00	OTH		HOOK UP & CLOSE BLIND RAMS.
	19:00 - 23:00	4.00	OTH		INSTALL BLOCK VALVE BEHIND WING VALVE & MONITOR PRESSURES. CLEAN SUB, & BOP.
	23:00 - 02:00	3.00	OTH		DRY GAS TO SURFACE, SI PRESSURES TO 2800. NU BOPE TO GO TROUGH CHOKE, CLOSE BOTTOM PIPE RAMS.
6/15/2007	02:00 - 06:00	4.00	OTH		VENT GAS F/ WING VALVE TO CHOKE THROUGH HARD LINE. 0200, 1200, 40' FLARE, 0230, 1000, 40', 0300, 850, 40', 0330, 750, 35', 0400, 700, 35', 0430, 640, 35', 0500, 600, 30', .0530, 600, 30', 0600, 560, 30'.
	06:00 - 09:30	3.50	OTH		VENT BACK SIDE TO FLARE PIT, 20-30' FLARE
	09:30 - 10:00	0.50	OTH		CHANGE OUT NIPPLES ON WING VALVE, ADD 2- HALLIBURTON VALVES
	10:00 - 16:00	6.00	OTH		DOWN STREAM FROM WING VALVE, WING VALVE WASHED.
	16:00 - 18:00	2.00	CMT	1	MONITOR PRESSURES ON BACK SIDE.
	18:00 - 23:00	5.00	CMT	2	HALLIBURTON ON LOCATION @ 16:10, RU TO ESTABLISH INJECTION RATE. HOLD SAFETY MEETING. TEST BREAKS IN BOP TO 5K, BLEED TO 4.8K SLOW NO LEAKS FOUND.
	23:00 - 00:30	1.50	OTH		RESSURE TEST LINES TO 6.5K, PUMPED 41.3 BBL & SD F/ PSI, LOST 500 PSI IN 19 MIN. PUMPED BACK UP TO 6.5K, 5.5 BBL, SD, LOST 64 PSI IN 39 MIN.
6/16/2007	00:30 - 06:00	5.50	LOC	4	PUMP .5 BBL & SD, SIW
	06:00 - 19:00	13.00	LOC	4	VENT BACK SIDE TO CHOKE & MONITOR PRESSURES. OPENED WITH 6400 AND A 45' FLARE
					RDRT, RIG DOWN PUMP, DUMP PITS & RD BACK YARD. PR PRESSURE @ 05:30 3450 PSI. 35' FLARE.
					VENT BACK SIDE GAS, CLAN MUD TANKS & RDRT, SHUT IN @ 18:45 W/ 1150 PSI.
6/17/2007					PRESSURES: 0600, 3300, 30' FLARE., 0700, 3100, 30', 0800, 2900, 30', 0900 2800, 25', 1000, 2900, 20', 1100, 2750, 20', 1200, 2500, 20', 1300, 2250, 20', 1400, 1900, 20', 1600, 1500, 15-20' 1700, 1400, 15/20', 1845, SI WELL, 1150, 25'.
					MONITOR BACK SIDE PRESSURES W, FLOW BACK CREW. SEEMS TO BE A LOT OF CONDENSATE, & WHEN IT COMES THE FLARE GETS LARGER & HOTTER.
	19:00 - 02:00	7.00	LOC	4	MONITOR BUILD UP & RDRT PRESSURE @ 0145 2525, 35' FLARE.
	02:00 - 06:00	4.00	LOC	4	VENT BACK SIDE GAS TO CHOKE, OPENED @ 0145 W/ 2525 PSI. 0300, 35' FLARE, 0400, 1900, 30', 0500 1750, 255', 0600, 1600, 25' FLARE.
6/17/2007	06:00 - 15:00	9.00	LOC	4	RDRT, FLARE BACK SIDE GAS THROUGH CHOKE & MONITOR PRESSURES.
	00:00 -				RELEASE RIG @ 15:00 6/17/07, TURN OVER TO SALES @ 1500, 1700 PSI, 2.7MM/D. READY F/ TRUCKS. rig phone forwarded to my cell, 435-828-1687

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE - Amended Report on 1/15/07

1. Type of Well Oil <input type="checkbox"/> Gas <input type="checkbox"/> Well <input type="checkbox"/> Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	5. Lease Designation and Serial No. UTU-02510A
2. Name of Operator QEP, UINTA BASIN, INC.	6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No. 1571 East 1700 South, VERNAL, UT 84078 Contact: Dahn.Caldwell@questar.com 435-781-4342 Fax 435-781-4357	7. If Unit or CA, Agreement Designation WHITE RIVER UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1147' FNL, 474' FWL, LOT 8, SEC 4-T8S-R22E	8. Well Name and No. GB 1M 4 8 22R
	9. API Well No. 43-047-38990 (Ry Hair)
	10. Field and Pool, or Exploratory Area WHITE RIVER
	11. County or Parish, State UINTAH

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other SPUD
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 1/24/07 - Drilled 17-1/2" hole. Ran 12 jts of 13-3/8", J-55, 54.5# csg. Cmted w/ 500 sxs Class "G" cmt.

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

RECEIVED
JUL 20 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed **Dahn F. Caldwell** Title **Office Administrator II** Date **3/16/07**

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
Conditions of approval, if any _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

Questar E & P					Page 1 of 4
Operations Summary Report					
Well Name: GB 1M-4-8-22R			Location: 4-8-S 22-E 26		Rig Name: ENSIGN
Spud Date: 1/24/2007			Rig Release: 6/16/2007		Rig Number: 24
43-047-38990					
Date	From - To	Hours	Code	Sub Code	Description of Operations
6/28/2007	06:00 - 16:00	10.00	LOC	4	<p>On 6/27/07 - Initial Completion Report.</p> <p>7:00 AM Conduct safety meeting. MIRU IPS Flow Back Equipment. Spectrum fluid ser Zeco pit & shaker.</p> <p>2:00 PM - MIRU Bronco Flow Cross BOP HCR Master Valve. IPS CTU Fluid pump. MU Lubricator. NU WH. Chain down & secure well.</p> <p>24 Hour Forecast: Starting in hole to drill out cement.</p>
6/29/2007	06:00 - 16:00	10.00	BOP	1	<p>On 6/28/07 - 7:00 AM Conduct safety meeting. Unchain ND lubricator from WH. MU Baker BHA. CTC pull test 25K. MU 2-7/8" jars. MU CT disc circ sub. MU MTR 3 tooth drag bit. Surface test MTR, circ sub opened replaced circ sub. Retest it opened. Replaced got good surface test. NU on WH test - all lines & WH equipment to 8000 psi BO Open well.</p> <p>10:00 AM - Start in hole pumping 5 BPM to 2 BPM tag cement @ 10861' fell through CIH to 11015'. Fell through CIH to 11378'. Started drilling hard cement at 11401'.</p> <p>2:00 PM had gas bubble and approx 15 bbl mud - stop drilling CWC - got up rubber plug debris. CIH to 11491'.</p> <p>5:00 PM MTR quit POOH had stater rubber in mill port. Secure well SDFN @ 7:00 PM. Total footage drilled 630'.</p> <p>24 Hour Forecast: Drill out cement.</p>
6/30/2007	06:00 - 16:00	10.00	DRL	4	<p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p> <p>On 6/29/07 @ 6:00 AM Conduct safety Meeting. MU Baker BHA 2-7/8 MTR 3-5/8" 3 tooth drag bit. NU on WH test lines & WH equipment to 8K BO.</p> <p>7:00 AM Open well. TIH tag @ 11500'. Start drilling cement.</p> <p>9:30AM - 11,600'.</p> <p>11:30 AM - 11,860'. PU of BTM, SI csg psi to 3500 psi, surged back CIH drilling to 12651'. SI csg psi up to 3500 surge back no fill. See pumping 2 BPM, pump 15 bbls gel sweeps CWC. POOH secure well.</p> <p>7:00 PM - SDFN.</p> <p>TOTAL FOOTAGE DRILLED TODAY = 1151' - TOTAL 1781'.</p> <p>24 Hour Forecast: Drill out cement.</p>
7/1/2007	06:00 - 16:00	10.00	DRL	4	<p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p> <p>On 6/29/07 @ 6:00 AM Conduct safety Meeting. MU Baker BHA 2-7/8 MTR 3-5/8" 3 tooth drag bit. NU on WH test lines & WH equipment to 8K BO.</p> <p>7:00 AM Open well. TIH tag @ 12652'. CIH Drilling cement 2-4 FPM to 13280'.</p> <p>1:30 PM - Top Bowen Union started leaking. PU of BTM moved crane around would not stop PSI up to 800, would not stop. Close pipe rams. Pumped 15 bbls gel sweep. CWC open rams, POOH, SI well. ND Lubricate. ND Baker BHA. RD lubricator, change all o-rings. RU lubricator. MU Baker BHA as same. 6:00 PM - SDFN.</p> <p>TOTAL FOOTAGE DRILLED TODAY = 628' - TOTAL 2409'</p> <p>24 Hour Forecast: Drill out cement.</p>

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DIV. OF OIL, GAS & MINING

Questar E & P
Operations Summary Report

Page 2 of 4

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release: 6/16/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/1/2007	06:00 - 16:00	10.00	DRL	4	Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'
7/2/2007	06:00 - 16:00	10.00	DRL	4	On 7/1/07, @ 8:00 AM Conduct Safety Meeting. BO 3 tooth drag mill. MU Baker 3.701 Carbide Hurricane mill. Surface test MTR, NU on WH test lines and WH equipment to 8K BO Open Well. TIH Tag @ 13288'. CIH drilling cement @ .5 to 1 FPM. 2:00 PM - Plugged choke w/ very course cut cement. Stop drilling pump. 15 BBL gel sweep. Clean well. SI csg psi up to 3500 . Surge back, CIH drilling to 13860'. PU pump 15 BBL Sweep CWC. POOH. SI well. ND Lubricator BO 3.701 Hurricane mill. BO MTR. MU MTR. MU 3 tooth drag bit. NU on WH. Secure well. SDFN @ 7:00 PM. TOTAL FOOTAGE DRILLED TODAY = 572' - TOTAL 2981' 24 Hour Forecast: Drill out cement. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 7/2/07, 6:00 AM Conduct safety meeting. WHP 4-1/2 to 9-5/8 5000 surface. Test MTR w/ 3-5/8 3 tooth drag mill test lines & WH equipment to 8K BO. Open well - TIH pumping .5 to 2 BPM. Tag @ 13838'. CIH drilling to 14838'. PU SI csg psi up 3500 surge back. CIH drilling to 15001'. Pump 15 bbl gel sweep. CWC POOH secure well clean and jet shaker pit full of cement. Replace 300 bbl of gel system w/ fresh 2% & re-gel up. SDFN @ 9:00 PM. Will run full drift 3.701 3 tooth drag mill in AM TOTAL FOOTAGE DRILLED TODAY = 1163' - TOTAL 4140' 24 Hour Forecast: Drill out cement. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 7/3/07, 6:00 AM Conduct safety meeting. WHP 4-1/2 0 9-5/8" 5000. Surface test MTR w/ 3.701 3 tooth drag mill, test lines & WH equipment to 8K - BO Open well. TIH pumping .5 to 2 BPM. Tag @ 14984'. CIH drilling to 15590'. PU 300'. Clean well up. CIH drilling picking up 50' for every 100' drilled. Pumping gel sweeps every 50'. Drilled CIH to 16300'. Pump 15 bbl gel sweep CWC. POOH. Secure well. ND lube BO mill & MTR. MU new MTR. MU same mill 3.701 . NU WH. SDFN @ 8:00 PM. TOTAL FOOTAGE DRILLED TODAY = 1316' - TOTAL = 5439' 24 Hour Forecast: Drill out cement. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 7/4/07 - 6:00 AM Conduct safety meeting. WHP 4-1/2 0 5200, Surface test MTR w/ 3.701 3 tooth drag mill. Test line & WH equipment to 8K BO. Open well. PSI up csg 3500 surge back. TIH pumping .5 to 2 BPM. Tag @ 16315'. CIH drilling ROP 2-4 picking up 50' for every 100' drilled. Pumping gel sweeps every 50'. Drilled CIH to 17058'. Tag & stall. PU 50' RIH to 17058'. Tag & stall. PU off BTM pump 20 bbls 80 VIS Sweep. PU to 16000'. SI csg PSI to 3500 psi. Surge back. RIH circ 2 BTM up w/ 3 - 20 bbl 80 VIS Sweeps. To surface displace gel water w/ 191 bbl 2%
7/3/2007	06:00 - 16:00	10.00	DRL	4	
7/4/2007	06:00 - 16:00	10.00	DRL	4	
7/5/2007	06:00 - 16:00	10.00	DRL	4	

Questar E & P
Operations Summary Report

Page 3 of 4

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release: 6/16/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/5/2007	06:00 - 16:00	10.00	DRL	4	KCL. POOH. RDMO IPS CTU & Pumps 17058 + 22' KB 17080'. Clean & jet spectrum tank. TOTAL FOOTAGE DRILLED TODAY = 743' - TOTAL = 6197' Relieved by Mike Hagen (580)254-4394. 24 Hour Forecast: Run cased hole logs. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'
7/7/2007	06:00 - 16:00	10.00	LOG	2	On 7/6/07, @ 12:30 PM MIRU Schlumberger EWL, Crane. NU 4-1/16" x 15K Crossover Flange on top of production tree. Open up master valves on tree to check pressure on csg 0#. Make up 3.623" DTI Cased Hole Logging Tools and start in hole @ 5:00 PM. Engineer was going in hole too fast abd hit fluid @ 381' and jumped line off shelfe. Shut down to fix line and continue in hole with logging tools and set down @ 16,095'. Work log tools up/down to try and get through spot. Could not get through spot w/ repeated attempts. Called Mr. Stahl to inform him where we set down at. POOH w/ logging tools and RDMO Schlumberger Logging Truck, Crane. Secure well for the night and shut down. 24 Hour Forecast: MIRU IPS Coil Tbg Unit and RIH down to 16,095' and clean out to bottom. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'
7/8/2007	06:00 - 16:00	10.00	TRP	9	On 7/7/07, MIRU IPS Coil Tubing Unit & pull test CC to 25K and pressure test to 2500#. Function test motor to @ 2.0 bbls 2800#. NU to production tree and RIH with 2.88" x 2.375" Coil Connector, 2.88" x 2.375" Dual Back Pressure Valve, 2.88" x 2.375" Bowen Coil Tubing Jars, 2.88" x 2.375" Hydraulic Disconnect, 2.88" x 2.375" Dual Circulation Valve, 2.88" x 2.375" VIP NaviDrill Motor, X-Over Sub 2-3/8" Reg x 2-3/8" PAC (BXP). RIH w/ coil tbg & hit a small bobble @ 16,093' only about 2K difference pushed right through and RIH down to 17,063' & pick up 5' off bottom & pump 10 bbls FR Pill. Circulate bottoms up & POOH with C/T & shut production tree in. RD C/T Unit. SDFWE. 24 Hour Forecast: Leave C/T on standby for Monday if Bond Log won't go through. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'
7/10/2007	06:00 - 16:00	10.00	LOG	4	On 7/9/07, MIRU Cutters EWL and NU 4-1/16" x 15K x 10 K crossover spool. RIH w/ 3.625" GR/JB down to 17,065' (EWL Measurement) & POOH w/ same. Had few pieces of cement in JB on surface. RIH w/ CCL/2.375" CBL tool down to PBTD & start pulling bond log holding 2000# pressure @ 14,000' CBL quit working. POOH & fixed bond tools. RIH back down to 14,000' where tool quit working and start logging again. Pull CBL up to 5000' per Mr. Stahl's instructions. Shut down logging & POOH w/ CBL tools & secure well. RDMO EWL, Hot Oiler. TOC @ 12,610' 20-30% bond down to 13,200'. Excellent cement from 13,200' down to 17,065' 95-100% bond. 24 Hour Forecast: MIRU PLS EWL to run Temp & Noise Survey. Csg Size: 4-1/2" 15.1#

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Operations Summary Report

Page 4 of 4

Well Name: GB 1M-4-8-22R
Location: 4-8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 1/24/2007
Rig Release: 6/16/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/10/2007	06:00 - 16:00	10.00	LOG	4	<p>Csg Depth: 17,083'</p> <p>On 7/10/07 MIRU PLS EWL Truck, Mast. NU 4-1/16" x 15K x 5K flange on top of production tree. RIH w/ CCL, 1-3/4" Temp & Noise Tool down to 15,000'. Pull back up to 12,000' and open up surface valve through Parchmans flow manifold to tank 20/64" choke 6000# pressure. BHT @ 12,000' was 219°F with well flowing to tank. Pressure had dropped down to 4500# 219°F. Slickline operator was adjusting trailer mounted mast and crimped line and shorted out tools. Shut surface valve in and POOH w/ tools. Secure well for the night.</p> <p>24 Hour Forecast: MIRU PLS EWL to rerun Temp & Noise Survey. No cost for wireline services today.</p> <p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p>
7/11/2007	06:00 - 16:00	10.00	LOG	4	
7/12/2007	06:00 - 16:00	10.00	LOG	4	<p>On 7/11/07, MIRU PLS EWL, Mast, check surface pressure 4500#. Open up surface through Parchman's manifold to tank 20/64" choke. RIH w/ CCL, 1-3/8" Temp & Noise Tool down to 5000' and record temp -122°F for 25 minutes. RIH down to 15,000' to start base log. Pull back up to 9100' and log back down and @ approx. 9500' log was showing gas entry. Continue down hole down to 10,000' and stop. Pull through spot @ 9500' with the same results. Pull up to 5000' and turn on noise log and continue down hole stopping every 100' to record noise. Stop @ top of 7" liner and record noise level (No change). Continue down hole to 9100' stopping in 50' intervals. Stop @ 9400' and noise level and temp were changing. Continue down to 9475' and stop and record temp/noise level. Called Mr. Stahl to inform him that gas entry according to noise log was @ 9475'. RIH down to 12,620' below 7" liner and record noise levels. No gas entry was showing up on temp/noise log. POOH w/ tools and shut surface valve in and secure well.</p> <p>24 Hour Forecast: Clean up log & send to Denver.</p>
7/15/2007	06:00 - 16:00	10.00	LOG	2	<p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p> <p>On 7/14/07, MIRU Schlumberger EWL Services, Crane. RIH w/ 3.56" GR/JB down to PBTD @ 17,085'. Start POOH w/ CCL, GR, JB and @ 16,550' JB was pulling tight with approx 1200# of tension over. Called Mr. Stahl to inform him of tight spot. Schlumberger will stay above tight spot and pull Sonic Image Tool from 16,500' - 12,600' and Gamma Ray/Neutron log from 12,600' up to 5,000'. POOH w/ tools and secure well RDMO Schlumberger.</p> <p>6:00 AM on 7/15/07 - Operator was pulling 200' repeat pass and will RDMO this AM. JB had thin pieces of cement in it on surface.</p> <p>24 Hour Forecast: Process and send logs to Denver for evaluation.</p> <p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p>

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side).

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		7. UNIT AGREEMENT NAME WHITE RIVER UNIT																									
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other _____		8. FARM OR LEASE NAME N/A																									
2. NAME OF OPERATOR QUESTAR EXPLORATION & PRODUCTION CO.		9. WELL NO. GB 1M 4 8 22R																									
3. ADDRESS OF OPERATOR 11002 EAST 17500 SOUTH - VERNAL, UT 84078		10. FIELD AND POOL, OR WILDCAT UNDESIGNATED																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1147' FNL, 474' FEL, NENE, SEC 4-T8S-R22E At top rod. interval reported below 1147' FNL, 474' FEL, NENE, SEC 4-T8S-R22E At total depth 1147' FNL, 474' FEL, NENE, SEC 4-T8S-R22E		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC 4-T8S-R22E																									
14. PERMIT NO. 43-047-38990		12. COUNTY OR PARISH UINTAH																									
DATE ISSUED		13. STATE UT																									
15. DATE SPURRED 1/24/07	16. DATE T.D. REACHED 6/6/07	17. DATE COMPL. (Ready to prod.) 8/9/07	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB																								
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 17,114'																										
21. PLUG BACK T.D., MD & TVD 17,063'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY X	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* See Attachment Page One																								
25. WAS DIRECTIONAL SURVEY MADE NO			26. TYPE ELECTRIC AND OTHER LOGS RUN Bond Log GR, SS, S/N, P, Dex, TdL, AIT, BCS																								
27. WAS WELL CORED NO			28. CASING RECORD (Report all strings set in well)																								
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB/FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>13-3/8"</td><td>54.5#</td><td>526'</td><td>17-1/2"</td><td>500 SXS</td><td></td></tr><tr><td>9-5/8"</td><td>47#</td><td>6107'</td><td>12-1/4"</td><td>1427 SXS</td><td></td></tr><tr><td>4-1/2"</td><td>15.1#</td><td>17,083'</td><td>6-1/8"</td><td>865 SXS</td><td></td></tr></tbody></table>				CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13-3/8"	54.5#	526'	17-1/2"	500 SXS		9-5/8"	47#	6107'	12-1/4"	1427 SXS		4-1/2"	15.1#	17,083'	6-1/8"	865 SXS	
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29. LINER RECORD																											
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30. TUBING RECORD																											
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7"	5576'	12,612'	1400 SXS		N/A																						
31. PERFORATION RECORD (Interval, size and number) SEE PERFORATION DETAIL ATTACHMENT PAGE ONE																											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED See Attachment Page 1 See Attachment Page One																											
33.* PRODUCTION DATE FIRST PRODUCTION 8/10/07 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING WELL STATUS (Producing or shut-in) PRODUCING																											
<table border="1"><thead><tr><th>DATE OF TEST</th><th>HOURS TESTED</th><th>CHOKE SIZE</th><th>PROD'N FOR TEST PERIOD</th><th>OIL—BBL</th><th>GAS—MCF</th><th>WATER—BBL</th><th>GAS-OIL RATIO</th></tr></thead><tbody><tr><td>8/12/07</td><td>24</td><td>16</td><td>12</td><td>4236</td><td>1514</td><td></td><td></td></tr></tbody></table>				DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL	GAS—MCF	WATER—BBL	GAS-OIL RATIO	8/12/07	24	16	12	4236	1514										
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8/12/07	24	16	12	4236	1514																						
<table border="1"><thead><tr><th>FLOW. TUBING PRESS.</th><th>CASING PRESSURE</th><th>CALCULATED 24-HOUR RATE</th><th>OIL—BBL</th><th>GAS—MCF</th><th>WATER—BBL</th><th>OIL GRAVITY-API (CORR.)</th></tr></thead><tbody><tr><td>N/A</td><td>6800</td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>				FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)	N/A	6800															
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N/A	6800																										
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD																											
35. LIST OF ATTACHMENTS WELLBORE SCHEMATIC & PERFORATION DETAIL ATTACHMENT																											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED JIM SIMONTON TITLE COMPLETION SUPERVISOR DATE 10/1/07																											

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

DESCRIPTION, CONTENTS, ETC.			
FORMATION	TOP	BOTTOM	
UINTA	SURFACE		
GREEN RIVER	3,260'		
WASATCH	6,560'		
MESA VERDE	9,295'		
SEGO	11,650'		
CASTLEGATE	11,895'		
BLACK HAWK	12,375'		
MANCOS SHALE	12,775'		
MANCOS 'B'	13,125'		
FRONTIER	15,900'		
TD	17,114'		

TOP		
NAME	MEAS. DEPTH	TRUE VERT. DEPTH
UINTA	SURFACE	
GREEN RIVER	3,260'	
WASATCH	6,560'	
MESA VERDE	9,295'	
SEGO	11,650'	
CASTLEGATE	11,895'	
BLACK HAWK	12,375'	
MANCOS SHALE	12,775'	
MANCOS 'B'	13,125'	
FRONTIER	15,900'	
TD	17,114'	

38. GEOLOGIC MARKERS
GB 1M 4 8 22R

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GB 1M 4-8-22 – Perforation Detail Attachment

PERFORATION DETAIL:

Open Perfs	Stimulation	Perf Status
13383' – 13385'	Frac w/ 40,800 Lbs in 59,556 Gals	Open – Mancos 'B'
13442' – 13444'		Open – Mancos 'B'
13503' – 13505'		Open – Mancos 'B'
13516' – 13518'		Open – Mancos 'B'
13554' – 13556'		Open – Mancos 'B'
13692' – 13694'		Open – Mancos 'C'
13823' – 13825'	Frac w/ 45,000 Lbs in 110,166 Gals	Open – Mancos 'C'
13876' – 13878'		Open – Mancos 'C'
13947' – 13949'		Open – Mancos 'C'
14049' – 10451'		Open – Mancos 'C'
14101' – 14103'		Open – Mancos 'C'
14110' – 14112'		Open – Mancos 'C'
14154' – 14156'		Open – Mancos 'C'
14258' – 14262'	Frac w/ 26,630 Lbs in 53,340 Gals	Open – Mancos 'C'
14296' – 14302'		Open – Mancos 'C'
14392' – 14394'		Open – Mancos 'C'
14555' – 14557'	Frac w/ 44,600 Lbs in 107,730 Gals	Open – Mancos 'C'
14617' – 14619'		Open – Mancos 'C'
14648' – 14650'		Open – Mancos 'C'
14758' – 14760'		Open – Mancos 'C'
14895' – 14897'		Open – Mancos 'C'
14908' – 14910'		Open – Mancos 'C'
15048' – 15050'	Frac w/ 38,212 Lbs in 48,258 Gals	Open – Mancos 'D'
15094' – 15096'		Open – Mancos 'D'
15213' – 15215'		Open – Mancos 'D'
15245' – 15247'		Open – Mancos 'D'
15309' – 15311'		Open – Mancos 'D'
15472' – 15474'		Open – Mancos 'D'
15588' – 15590'		Open – Mancos 'D'
15652' – 15654'		Open – Mancos 'D'
15815' – 15817'	Frac w/ 14,200 Lbs in 61,068 Gals	Open – Mancos 'D'
15819' – 15821'		Open – Mancos 'D'
15892' – 15894'		Open – Mancos 'D'
15919' – 15921'		Open - Frontier
15963' – 15965'		Open - Frontier
15985' – 15987'		Open - Frontier
16158' – 16160'		Open - Frontier
16200' – 16202'		Open - Frontier

CONFIDENTIAL

16328' - 16329'	}	Frac w/	50,394	Lbs in	84,210	Gals	Open - Frontier
16362' - 16363'							Open - Frontier
16443' - 16444'							Open - Frontier
16466' - 16469'							Open - Frontier
16482' - 16483'							Open - Frontier
16664' - 16665'							Open - Frontier
16715' - 16717'							Open - Frontier
16723' - 16724'							Open - Frontier
16798' - 16799'							Open - Dakota Silt
16858' - 16859'							Open - Dakota Silt
16907' - 16908'	}						Open - Dakota Silt
16994' - 16996'							Open - Dakota
17026' - 17027'							Open - Dakota

UT08695P49 FIELD: Glen Bench		GL: 5,168 ' KBE: 5,190 '	Spud Date 1-25-07 Completion date:
Well: GB 1M-4-8-22R		TD: 17,114 ' PBTD: 17,080 '	Current Well Status:
Location - surface: 1139' FNL, 469' FEL, NENE Sec. 4, T8S, R22E		Reason for Pull/Workover Initial completion	
Location - bottom hole: Same		Deviation:	
API#:43-047 38990		Uintah County, Utah	

Wellbore Schematic

Surface casing

Size: 13.375"

Weight: 54.5#

Grade: K-55

Set @ 526' KB

Cmtd w/ 500 sxs

Hole size: 17-1/2"

Intermediate Casing

Size: 9.625"

Weight: 47#

Grade: HCP-110

Set @ 6100' KB

Cmtd w/ 1427 sxs

Hole size: 12-1/4"

Intermediate Liner

Size: 7"

Weight: 26 & 29#

Grade: HCP-110

Top @ 5576'

Bottom @ 12,612'

Cmtd w/ 1400 sxs

Hole size:

TOC @ 13,200' approx.

Mancos B

13383-85' w/ 3 spf

13442-44' w/ 3 spf

13503-05' w/ 3 spf

13516-18' w/ 3 spf

13554-56' w/ 3 spf

Mancos C

13692-94' w/ 3 spf

13823-25' w/ 3 spf

13876-78' w/ 3 spf

13947-49' w/ 3 spf

14049-51' w/ 3 spf

14101-03' w/ 3 spf

14110-12' w/ 3 spf

14154-56' w/ 3 spf

14258-62' w/ 3 spf

14296-302' w/ 3 spf

14392-94' w/ 3 spf

14555-57' w/ 3 spf

14617-19' w/ 3 spf

14648-50' w/ 3 spf

14758-60' w/ 3 spf

14895-97' w/ 3 spf

14908-10' w/ 3 spf

Mancos D

15048-50' w/ 3 spf

15094-96' w/ 3 spf

15213-15' w/ 3 spf

15245-47' w/ 3 spf

15309-11' w/ 3 spf

15472-74' w/ 3 spf

15588-90' w/ 3 spf

15652-54' w/ 3 spf

15815-17' w/ 3 spf

15819-21' w/ 3 spf

15892-94' w/ 3 spf

Frontier

15919-21' w/ 3 spf

15963-65' w/ 3 spf

15985-87' w/ 3 spf

16158-60' w/ 3 spf

16200-02' w/ 3 spf

16328-29' w/ 2 spf

16362-63' w/ 2 spf

16443-44' w/ 2 spf

16466-69' w/ 2 spf

16482-83' w/ 2 spf

16538-39' w/ 2 spf

16664-65' w/ 2 spf

16715-17' w/ 2 spf

16723-24' w/ 2 spf

Dakota Silt

16798-99' w/ 2 spf

16858-59' w/ 2 spf

16907-08' w/ 2 spf

Dakota

16994-96' w/ 2 spf

17026-27' w/ 2 spf

TD @ 17114 '

Production Casing

Size: 4-1/2"

Weight: 15.1#

Grade: HCP-110 & Q-125

Set @ 17,083'

Cmtd w/ 865 sxs

Hole size: 6-1/8"

EXCLUDED PERFS

OPEN PERFS

Tubing Landing Detail:

Description	Size	Footage	Depth
KB		34.00	34.00
			34.00
			34.00
			34.00
			34.00
			34.00
EOT @			34.00

Tubing Information:

Condition:

New: Used: Rerun:

Grade:

Weight (#/ft):

Wellhead Data Example: 7-1/16" 3000#

4-1/16" 15,000#

Other:

Hanger: Yes ☒ No ☐

SUMMARY

Frontier / Dakota Silt / Dakota

Zone 1: (16,328-17,027') Frac w/ 5000 lb 100 mesh sand + 45,400 lb 30/50 Econoprop

Mancos D / Frontier

Zone 2: (15,815-16,202') Frac w/ 14,200 lb 30/50 Econoprop

Mancos D

Zone 3: (15,048-15,654') Frac w/ 33,300 lb 30/50 Econoprop

Mancos C

Zone 4: (14,555-14,910') Frac w/ 44,600 lb 30/50 Econoprop

Zone 5: (14,258-14,394') Frac w/ 26,630 lb 30/50 Econoprop

Zone 6: (13,823-14,156') Frac w/ 45,000 lb 30/50 Econoprop

Mancos B & C

Zone 7: (13,383-13,694') Frac w/ 40,800 lb 30/50 Econoprop

As of 6/5/07 - Tbg has not been ran.

8-7-07 MIRU CTU, Baker tool & Spirit Completion fluids.

On 8-8-07 Drill up plugs.

Flow well & turn over to production on 8-9-07.

Prepared By Mike Stahl

Date: 8-8-07

CONFIDENTIAL

GB 1M-4-8-22R.xls

Page 1

CONFIDENTIAL43-047-38990
4 8s 20e

Questar E & P						Page 1 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007			
Location: 4-8-S 22-E 26			Rig Release:			
Rig Name: ROCKY MTN WS			Rig Number: 3			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
6/28/2007	06:00 - 16:00	10.00	LOC	4	On 6/27/07 - Initial Completion Report. 7:00 AM Conduct safety meeting. MIRU IPS Flow Back Equipment. Spectrum fluid ser Zeco pit & shaker. 2:00 PM - MIRU Bronco Flow Cross BOP HCR Master Valve. IPS CTU Fluid pump. MU Lubricator. NU WH. Chain down & secure well. 24 Hour Forecast: Starting in hole to drill out cement.	
6/29/2007	06:00 - 16:00	10.00	BOP	1	On 6/28/07 - 7:00 AM Conduct safety meeting. Unchain ND lubricator from WH. MU Baker BHA. CTC pull test 25K. MU 2-7/8" jars. MU CT disc circsub. MU MTR 3 tooth drag bit. Surface test MTR, circsub opened replaced circsub. Retest it opened. Replaced got good surface test. NU on WH test - all lines & WH equipment to 8000 psi BO Open well. 10:00 AM - Start in hole pumping 5 BPM to 2 BPM tag cement @ 10861' fell through CIH to 11015'. Fell through CIH to 11378'. Started drilling hard cement at 11401'. 2:00 PM had gas bubble and approx 15 bbl mud - stop drilling CWC - got up rubber plug debris. CIH to 11491'. 5:00 PM MTR quit POOH had stater rubber in mill port. Secure well SDFN @ 7:00 PM. Total footage drilled 630'. 24 Hour Forecast: Drill out cement.	
6/30/2007	06:00 - 16:00	10.00	DRL	4	Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 6/29/07 @ 6:00 AM Conduct safety Meeting. MU Baker BHA 2-7/8 MTR 3-5/8" 3 tooth drag bit. NU on WH test lines & WH equipment to 8K BO. 7:00 AM Open well. TIH tag @ 11500'. Start drilling cement. 9:30AM - 11,600'. 11:30 AM - 11,860'. PU of BTM. SI csg psi to 3500 psi, surged back CIH drilling to 12651'. SI csg psi up to 3500 surge back no fill. See pumping 2 BPM, pump 15 bbls gel sweeps CWC. POOH secure well. 7:00 PM - SDFN. TOTAL FOOTAGE DRILLED TODAY = 1151' - TOTAL 1781'. 24 Hour Forecast: Drill out cement.	
7/1/2007	06:00 - 16:00	10.00	DRL	4	Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 6/29/07 @ 6:00 AM Conduct safety Meeting. MU Baker BHA 2-7/8 MTR 3-5/8" 3 tooth drag bit. NU on WH test lines & WH equipment to 8K BO. 7:00 AM Open well. TIH tag @ 12652'. CIH Drilling cement 2-4 FPM to 13280'. 1:30 PM - Top Bowen Union started leaking. PU of BTM moved crane around would not stop PSI up to 800, would not stop. Close pipe rams. Pumped 15 bbls gel sweep. CWC open rams, POOH, SI well. ND Lubricate. ND Baker BHA. RD lubricator, change all o-rings. RU lubricator. MU Baker BHA as same. 6:00 PM - SDFN. TOTAL FOOTAGE DRILLED TODAY = 628' - TOTAL 2409' 24 Hour Forecast: Drill out cement.	

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RECEIVED**NOV 08 2007****DIV. OF OIL, GAS & MINING**

Questar E & P						Page 2 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007			
Location: 4-8-S 22-E 26			Rig Release:			
Rig Name: ROCKY MTN WS			Rig Number: 3			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
7/1/2007	06:00 - 16:00	10.00	DRL	4	Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'	
7/2/2007	06:00 - 16:00	10.00	DRL	4	On 7/1/07, @ 6:00 AM Conduct Safety Meeting. BO 3 tooth drag mill. MU Baker 3,701 Carbide Hurricane mill. Surface test MTR. NU on WH test lines and WH equipment to 8K BO Open Well. TIH Tag @ 13288'. CIH drilling cement @ .5 to 1 FPM. 2:00 PM - Plugged choke w/ very coarse cut cement. Stop drilling pump. 15 BBL gel sweep. Clean well. SI csg psi up to 3500. Surge back. CIH drilling to 13860'. PU pump 15 BBL Sweep CWC. POOH. SI well. ND Lubricator BO 3,701 Hurricane mill. BO MTR. MU MTR. MU 3 tooth drag bit. NU on WH. Secure well. SDFN @ 7:00 PM. TOTAL FOOTAGE DRILLED TODAY = 572' - TOTAL 2981' 24 Hour Forecast: Drillout cement. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 7/2/07, 6:00 AM Conduct safety meeting. WHP 4-1/2 to 9-5/8 5000 surface. Test MTR w/ 3-5/8 3 tooth drag mill test lines & WH equipment to 8K BO. Open well - TIH pumping .5 to 2 BPM. Tag @ 13838'. CIH drilling to 14838'. PU SI csg psi up 3500 surge back. CIH drilling to 15001'. Pump 15 bbl gel sweep. CWC POOH secure well clean and jet shaker pit full of cement. Replace 300 bbl of gel system w/ fresh 2% & re-gel up. SDFN @ 9:00 PM. Will run full drift 3,701 3 tooth drag mill in AM TOTAL FOOTAGE DRILLED TODAY = 1163' - TOTAL 4140' 24 Hour Forecast: Drillout cement. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 7/3/07, 6:00 AM Conduct safety meeting. WHP 4-1/2 0 9-5/8" 5000. Surface test MTR w/ 3,701 3 tooth drag mill, test lines & WH equipment to 8K - BO Open well. TIH pumping .5 to 2 BPM. Tag @ 14984'. CIH drilling to 15590'. PU 300'. Clean well up. CIH drilling picking up 50' for every 100' drilled. Pumping gel sweeps every 50'. Drilled CIH to 16300'. Pump 15 bbl gel sweep CWC. POOH. Secure well. ND tube BO mill & MTR. MU new MTR. MU same mill 3,701. NU WH. SDFN @ 8:00 PM. TOTAL FOOTAGE DRILLED TODAY = 1316' - TOTAL = 5439' 24 Hour Forecast: Drillout cement. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 7/4/07 - 6:00 AM Conduct safety meeting. WHP 4-1/2 0 5200. Surface test MTR w/ 3,701 3 tooth drag mill. Test line & WH equipment to 8K BO. Open well. PSI up csg 3500 surge back. TIH pumping .5 to 2 BPM. Tag @ 16315'. CIH drilling ROP 2-4 picking up 50' for every 100' drilled. Pumping gel sweeps every 50'. Drilled CIH to 17058'. Tag & stall. PU 50' RIH to 17058'. Tag & stall. PU off BTM pump 20 bbls 80 VIS Sweep. PU to 16000'. SI csg PSI to 3500 psi. Surge back. RIH circ 2 BTM up w/ 3- 20 bbl 80 VIS Sweeps. To surface displace gel water w/ 191 bbl 2%	
7/3/2007	06:00 - 16:00	10.00	DRL	4		
7/4/2007	06:00 - 16:00	10.00	DRL	4		
7/5/2007	06:00 - 16:00	10.00	DRL	4		

Printed: 11/8/2007 3:26:47 PM

Questar E & P						Page 3 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007			
Location: 4-8-S 22-E 26			Rig Release:			
Rig Name: ROCKY MTN WS			Rig Number: 3			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
7/5/2007	06:00 - 16:00	10.00	DRL	4	KCL POOH. RDMO IPS CTU & Pumps 17058 + 22 KB 17080'. Clean & jet spectrum tank. TOTAL FOOTAGE DRILLED TODAY = 743' - TOTAL = 6197' Relieved by Mike Hagen (580)254-4394. 24 Hour Forecast: Run cased hole logs. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'	
7/7/2007	06:00 - 16:00	10.00	LOG	2	On 7/6/07, @ 12:30 PM MIRU Schlumberger EWL, Crane. NU 4-1/16" x 15K Crossover Flange on top of production tree. Open up master valves on tree to check pressure on csg 0#. Make up 3.623" DTI Cased Hole Logging Tools and start in hole @ 5:00 PM. Engineer was going in hole too fast abd hit fluid @ 381' and jumped line off shelf. Shut down to fix line and continue in hole with logging tools and set down @ 16,095'. Work log tools up/down to try and get through spot. Could not get through spot w/ repeated attempts. Called Mr. Stahl to inform him where we set down at. POOH w/ logging tools and RDMO Schlumberger Logging Truck, Crane. Secure well for the night and shut down. 24 Hour Forecast: MIRU IPS Coil Tbg Unit and RIH down to 16,095' and clean out to bottom. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'	
7/8/2007	06:00 - 16:00	10.00	TRP	9	On 7/7/07, MIRU IPS Coil Tubing Unit & pull test CC to 25K and pressure test to 2500#. Function test motor to @ 2.0 bbls 2800#. NU to production tree and RIH with 2.88" x 2.375" Coil Connector, 2.88" x 2.375" Dual Back Pressure Valve, 2.88" x 2.375" Bowen Coil Tubing Jars, 2.88" x 2.375" Hydraulic Disconnect, 2.88" x 2.375" Dual Circulation Valve, 2.88" x 2.375" VIP NavidDrill Motor, X-Over Sub 2-3/8" Reg x 2-3/8" PAC (BXP). RIH w/ coil tbg & hit a small bobble @ 16,093' only about 2K difference pushed right through and RIH down to 17,063' & pick up 5' off bottom & pump 10 bbls FR Pill. Circulate bottoms up & POOH with C/T & shut production tree in. RD C/T Unit. SDFWE. 24 Hour Forecast: Leave C/T on standby for Monday if Bond Log won't go through. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'	
7/10/2007	06:00 - 16:00	10.00	LOG	4	On 7/9/07, MIRU Cutters EWL and NU 4-1/16" x 15K x 10 K crossover spool. RIH w/ 3.625" GRJB down to 17,065' (EWL Measurement) & POOH w/ same. Had few pieces of cement in JB on surface. RIH w/ CCL/2.375" CBL tool down to PBTD & start pulling bond log holding 2000# pressure @ 14,000' CBL quit working. POOH & fixed bond tools. RIH back down to 14,000' where tool quit working and start logging again. Pull CBL up to 5000' per Mr. Stahl's instructions. Shut down logging & POOH w/ CBL tools & secure well. RDMO EWL, Hot Oil. TOC @ 12,610' 20-30% bond down to 13,200'. Excellent cement from 13,200' down to 17,065' 95-100% bond. 24 Hour Forecast: MIRU PLS EWL to run Temp & Noise Survey. Csg Size: 4-1/2" 15.1#	

Printed: 11/8/2007 3:28:47 PM

Questar E & P						Page 4 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007			
Location: 4-8-S 22-E 26			Rig Release:			
Rig Name: ROCKY MTN WS			Rig Number: 3			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
7/10/2007	06:00 - 16:00	10.00	LOG	4	Csg Depth: 17,083'	
7/11/2007	06:00 - 16:00	10.00	LOG	4	On 7/10/07 MIRU PLS EWL Truck, Mast. NU 4-1/16" x 15K x 5K flange on top of production tree. RIH w/ CCL, 1-3/4" Temp & Noise Tool down to 15,000'. Pull back up to 12,000' and open up surface valve through Parchmans flow manifold to tank 20/64" choke 6000# pressure. BHT @ 12,000' was 219°F with well flowing to tank. Pressure had dropped down to 4500# 219°F. Slickline operator was adjusting trailer mounted mast and crimped line and shorted out tools. Shut surface valve in and POOH w/ tools. Secure well for the night.	
					24 Hour Forecast: MIRU PLS EWL to rerun Temp & Noise Survey. No cost for wireline services today.	
					Csg Size: 4-1/2" 15.1#	
					Csg Depth: 17,083'	
7/12/2007	06:00 - 16:00	10.00	LOG	4	On 7/11/07, MIRU PLS EWL, Mast, check surface pressure 4500#. Open up surface through Parchman's manifold to tank 20/64" choke. RIH w/ CCL, 1-3/8" Temp & Noise Tool down to 5000' and record temp -122°F for 25 minutes. RIH down to 15,000' to start base log. Pull back up to 9100' and log back down and @ approx. 9500' log was showing gas entry. Continue down hole down to 10,000' and stop. Pull through spot @ 9500' with the same results. Pull up to 5000' and turn on noise log and continue down hole stopping every 100' to record noise. Stop @ top of 7" liner and record noise level (No change). Continue down hole to 9100' stopping in 50' intervals. Stop @ 9400' and noise level and temp were changing. Continue down to 9475' and stop and record temp/noise level. Called Mr. Stahl to inform him that gas entry according to noise log was @ 9475'. RIH down to 12,620' below 7" liner and record noise levels. No gas entry was showing up on temp/noise log. POOH w/ tools and shut surface valve in and secure well.	
					24 Hour Forecast: Clean up log & send to Denver.	
					Csg Size: 4-1/2" 15.1#	
					Csg Depth: 17,083'	
7/15/2007	06:00 - 16:00	10.00	LOG	2	On 7/14/07, MIRU Schlumberger EWL Services, Crane. RIH w/ 3.56" GR/JB down to PBTD @ 17,085'. Start POOH w/ CCL, GR, JB and @ 16,550' JB was pulling tight with approx 1200# of tension over. Called Mr. Stahl to inform him of tight spot. Schlumberger will stay above tight spot and pull Sonic Image Tool from 16,500' - 12,600' and Gamma Ray/Neutron log from 12,600' up to 5,000'. POOH w/ tools and secure well RDMD Schlumberger.	
					6:00 AM on 7/15/07 - Operator was pulling 200' repeat pass and will RDMD this AM. JB had thin pieces of cement in it on surface.	
					24 Hour Forecast: Process and send logs to Denver for evaluation.	
					Csg Size: 4-1/2" 15.1#	
					Csg Depth: 17,083'	
8/8/2007	06:00 - 16:00	10.00	PERF	2	Report dated 7/4/07 by Rob Odom TIGHT HOLE. Continuation of completion report. The prod.csg.was drilled out with coil tbg.to a PBTD of 17063'. The well was logged with Cutters WL on 7/9/07 with a CBLVDLGR log. The well was logged with Schlumberger on 7/14/07 with a Dipole Sonic/GR/Posit y log. All csg.and valves were pressure tested to 11500# with Quick Test. On 8/6/07 SI intermediate pressure was 6400#. Bled off with Parchman to a small blow on AM of 8/7/07. On 8/8/07 MRU OWP and perforated the following zones as follows using a 2-1/2" csg.gun at 2 JPF and 120" phasing per	

Printed: 11/8/2007 3:26:47 PM

Questar E & P						Page 5 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007			
Location: 4-8-S 22-E 26			Rig Release:			
Rig Name: ROCKY MTN WS			Rig Number: 3			
Date	From - To	Hours	Code	Sub-Code	Description of Operations	
8/8/2007	06:00 - 16:00	10.00	PERF	2	<p>the CBL log dated 7/9/07: Frontier: 16328-29'; 16362-63'; 16443-44'; 16466-66'; 16482-83'; 16538-39'; 16664-65'; 16715-17' & 16723-24'; Dakota Silt: 16798-99'; 16858-59'; 16907-08'; Dakota: 16994-96'; 17026-27' (32 holes). No pressure after perforating. SIFN.</p> <p>On 7/8/07 frac as follows below:</p> <p>ZONE #1 (16328-17027' - FRON./DAK./SILT/DAKOTA): Frac this interval using a 12# linear gel as follows: Breakdown with 1000 gal. of 15% HCL and 50-7/8" Bio-balls followed by a 20000 gal. pad and stage 0.5 to 2 ppg 30/50 mesh Econoprop in 43000 gal. of fluid and flush with 10595 gal. of slick water. Pad contained 5000# of 100 mesh sand. Total of 50400# of sand and a total load of 2005 bbl. Max. rate=44' Ave=20 BPM; Max. psi=11483#; Ave=9495#; Lubricate in a 4-1/2" comp. frac plug and set at 16273'. Perforate per the CBL log dated 7/9/07 the following intervals using a 2-1/2" csg. gun at 3 JPF and 120" phasing: Mancos D: 15815-17'; 15819-21'; 15892-94'; Frontier: 15919-21'; 15963-65'; 15985-87'; 16158-60' & 16200-02'; (48 holes).</p> <p>ZONE#2: (15815-16202' - MANCOS D./FRONTIER): Frac this interval using a slick water system as follows: Pump 400 gal. of 15% HCL followed by a 16000 gal. pad and stage 0.25 to 1.25 ppg 30/50 mesh Econoprop sand in 24500 gal. of fluid and had 2-10000 gal. spacers between sand stages. Flush with 15800 gal. of slick water. Total of 14200# sand. Total load of 1450 bbl. Max=41.4; Ave=35.8; Max. psi=11242#; Ave=10588#; ISIP=7839# (.93). Lubricate in a comp. frac plug and set at 15709'. Perforate per the above gun and log at 3 JPF the following Mancos D intervals: 15046-50'; 15094-96'; 15213-15'; 15245-47'; 15309-11'; 15472-74'; 15588-90'; 15652-54' (48 holes).</p> <p>ZONE#3: (15048-15654' - MANCOS D): Frac this interval using a 10# linear gel 2% KCL water system as follows: Pump 400 gal. of 15% HCL followed by a 15000 gal. pad and stage 0.5 to 2 ppg 30/50 mesh Econoprop sand in 33000 gal. of fluid and flush with 7170 gal. Screened out in flush leaving est. 5000# of sand in csg. Total of 33300# of sand in formation and a total load of 1150 bbl. Max. rate=36' Ave=23.3 BPM; Max. psi=11691#; Ave=10242#; SIFN. Max. psi on intermediate csg. was 50# during the job after bleeding off overnight.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Load from yesterday: 250 Plus water today: 4600 LLTR: 4850</p> <p>Perfs:</p> <p>ZONE#1: FRON./DAK./SILT 16328-29'; 16382-83'; 16443-44'; 16468- 69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17026-27'.</p> <p>ZONE#2: FRON./MANCOS D 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE#3: MANCOS D 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ON AM of 8/8/08 SI psi on Intermediate is 750#-bled off On 8/8/07 - Perforate the following Mancos 'C' intervals using a 2-1/2" csg gun at</p>	
8/9/2007	06:00 - 16:00	10.00	PERF	2		

Questar E & P						Page 6 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007			
Location: 4-8-S 22-E 26			Rig Release:			
Rig Name: ROCKY MTN WS			Rig Number: 3			
Date	From - To	Hours	Code	Sub-Code	Description of Operations	
8/9/2007	06:00 - 16:00	10.00	PERF	2	<p>120" phasing per the CBL log dated 7/9/07 @ 3 JPF: 14555 -57'; 14617- 19'; 14648-50'; 14758-60'; 14895-97' & 14908-10' (48 holes).</p> <p>Zone #4: (14555' - 14910' - Mancos "C"): Frac this interval down csg using a 2% KCL slickwater system as follows: Pump 400 gals of 15% HCL acid followed by a 16000 gal pad and stage 0.25 to 1.25 ppg 30/50 Econoprop in 50000 gals of fluid and had 3-10,000 gal spacers in between the sand stages and flush with 9531 gals of slick water. Total of 44600# of sand and a total load of 2585 bbl. Max rate = 45.9 BPM; avg rate = 39.2 BPM; Max psi = 11420#; avg psi = 10375#; ISIP = 6886# (.91). Lubricate in a 4-1/2" comp frac plug and set at 14430'. Perforate the following Mancos "C" intervals per the above gun and log: 14258-62'; 14296-14302' & 14382-94' (36 holes).</p> <p>Zone #5 (14258' - 14393' - Mancos "C"): Frac this interval using a 2% KCL 10# linear gel water system as follows: Pump 1400 gals of 15% HCL acid followed by a 15000 gal pad and stage 0.5 to 1.5 ppg 30/50 mesh Econoprop in 27800 gals of fluid and went to flush due to possible screen-out. Flushed successfully with 9366 gals of slick water. Total of 26630# of sand and a total load of 1270 bbls. Max rate = 45.6 BPM; avg rate = 39.6 BPM; max psi = 11395#; avg psi = 10280#; ISIP = 6964# (.93). Lubricate in a comp frac plug and set at 14170'. Perforate per the above gun & log the following Mancos "C" intervals: 13823-25'; 13876-78'; 13947-49'; 14049-51'; 14101-03'; 14110-12' & 14154-56' (42 holes).</p> <p>Zone #6 (13823' - 14156' - Mancos "C"): Frac this interval using a 2% KCL slickwater system as follows: Pump 1400 gals of 15% HCL followed by a 22000 gal pad and stage 0.25 to 1.25 ppg 30/50 mesh Econoprop sand in 52500 gals of fluid with 3-8500 gal spacers in between sand stages and flush with 9100 gals of slick water. Total of 45000# of sand and a total load of 2625 bbl. Max rate = 46.4 BPM; avg rate = 45.6 BPM; max psi = 10580#; avg psi = 8774#; ISIP = 6821# (.93). Lubricate in a comp frac plug and set at 13720'. Perforated the following intervals per the above gun & log: Mancos "B": 13383-85'; 13442-44'; 13503-05'; 13516-18'; 13554-56'; Mancos "C" = 13892-94'; (36 holes).NOTE: MANCOS 'B' ZONES 13274-76' & 13311-13' DID NOT GET PERFORATED DUE TO MISRUN.</p> <p>Zone #7 (13383' - 13694' - Mancos "B" & "C"): Frac this interval with a 10# linear 2% KCL water system as follows: Pump 1400 gals of 15% HCL acid followed by a 19000 gal pad and stage 0.5 to 2 ppg 30/50 mesh Econoprop in 31500 gals of fluid and flush with 7865 gals of slick water. Total of 40800# of sand and a total load of 1420 bbls. Max rate = 38.8 BPM; avg rate = 30.7 BPM; max psi = 11263#; avg psi = 9542#; ISIP = 6516# (0.92). SI the well and RDMO service companies. Open the well at 10:00 PM after a 2-1/2 hour SI period. SICP = 6650#. At 5:30 AM on 8/9/07 SICP = 8750# on a 12/64" choke with lite sand and a rate of 103 BPH of water with no gas and a total recovery in the last 7-1/2 hours of 735 bbls. Will MRU IPS Coil Unit this AM and clean out well.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>LLTR: 11995 Gals</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468- 69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17028-27'. ZONE #2: FRONTIER/MANCOS 'D'</p>	

Questar E & P						Page 7 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007			
Location: 4-8-S 22-E 26			Rig Release:			
Rig Name: ROCKY MTN WS			Rig Number: 3			
Date	From - To	Hours	Code	Sub-Code	Description of Operations	
8/9/2007	06:00 - 16:00	10.00	PERF	2	15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS "C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'	
10/24/2007	06:00 - 16:00	10.00	PERF	2	RESUMPTION OF COMPLETION. THESE NEW COMPLETION COSTS TO BE ADDED TO PREVIOUS COMPLETION COSTS: On 10/23/07 MIRU Rocky Mtn. WS to resume completion of well. MI related equipment. On 10/24/07 will RIH with gauge ring and if OK with set a comp BP. perforate squeeze holes and set a VIL set cement retainer. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468- 69' 16482-83'; 16538-39' 16604-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17028-27' ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS "C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'	
10/25/2007	06:00 - 16:00	10.00	PERF	2	TIGHT HOLE - On 10/24/07 SICP = 640#, SIAP = 280#. MIRU Cutters W/L and ran	

Printed: 11/8/2007 3:28:47 PM

Questar E & P						Page 8 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007			
Location: 4-8-S 22-E 26			Rig Release:			
Rig Name: ROCKY MTN WS			Rig Number: 3			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/25/2007	06:00 - 16:00	10.00	PERF	2	<p>a 3.625" gauge ring to 13280' - OK. Set a CBP @ 13260'. Fill csg with 140 bbls of 2% KCL water and test csg and plug to 4000# - held OK. Bled csg down to 1000#.</p> <p>Perforate squeeze holes from 13150' - 13152' (8 holes) at 4 JPF and 90° phasing using a 3-1/8" csg gun. Open 4-1/2" x 9-5/8" annulus to the pit before perforating and lost 600# on the 4-1/2" csg after perforating with no change in the gas blow from the annulus. POOH with gun. Attempt to break down csg squeeze holes with returns up the 4-1/2" x 9-5/8" annulus several times at 4000# max and would not break down after surging back each time. Left 1000# SICP on the well overnight and SIFN. On AM of 10/25/07 SICP = 1800# & SIAP = 50#.</p> <p>24 Hour Forecast: Will run a bond log.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125</p> <p>Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT</p> <p>16328-29'; 16382-83'; 16443-44'; 16468- 69'</p> <p>16482-83'; 16538-39' 16664-65'; 16715-17'</p> <p>16723-24'; 16798-99'; 16858-59'; 16907-08'</p> <p>16994'-96'; 17026-27'</p> <p>ZONE #2: FRONTIER/MANCOS 'D'</p> <p>15815-17'; 15819-21'; 15892-94'; 15919-21';</p> <p>15963-65'; 15965-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D'</p> <p>15048-50'; 15094-96'; 15213-15'; 15245-47'</p> <p>15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p> <p>14908-10'; 14895-97'; 14794-96'; 14758-60'</p> <p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS "C"</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS "C"</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C"</p> <p>13682-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p>	
10/26/2007	06:00 - 16:00	10.00	LOG	4	<p>TIGHT HOLE - On 10/25/07 SICP = 1800# & SIAP = 50#. Bled off csg. RU Cutters WL to run a CBLVDLGR log. RIH to 13150' & having too much gas interference to obtain valid data. POOH with logging tools. WL set a CBP @ 13140' & test plug to 4000# after filling the hole with 14 bbls of water. Re-run log from 13140' to 9950' and starting to have too much gas interference at 9950'. Lay down logging tools and SIFN. Will allow gas to migrate up the hole in order to obtain good bond log data. On AM of 10/26/07 SICP = 1100# & SIAP = 80#.</p> <p>24 Hour Forecast: Will continue to run log.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125</p> <p>Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p>	

Questar E & P						Page 9 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R				Spud Date: 1/24/2007		
Location: 4-8-S 22-E 26				Rig Release:		
Rig Name: ROCKY MTN WS				Rig Number: 3		
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/28/2007	06:00 - 16:00	10.00	LOG	4	ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468- 69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14382-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS "C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13682-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'	
10/29/2007	06:00 - 16:00	10.00	LOG	2	TIGHT HOLE -On 10/28/07 SICP = 1100# and SIAP = 80#. Bled down csg to 0# in 5 minutes. RU Cutters WL and continue to run a CBL/VDL/GR log from 10700' to 4800' with no pressure on well. RDMO Cutters WL and SIFWE. 24 Hour Forecast: Will NDWH & NU BOP's and start to pick up tbg. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468- 69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14382-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS "C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C"	

Printed: 11/8/2007 3:26:47 PM

Questar E & P						Page 10 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007			
Location: 4-8-S 22-E 26			Rig Release:			
Rig Name: ROCKY MTN WS			Rig Number: 3			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/29/2007	06:00 - 16:00	10.00	LOG	2	13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'	
10/30/2007	06:00 - 16:00	10.00	BOP	1	TIGHT HOLE - On 10/29/07, SICP = 0# & SIAP = 450#. ND 15K frac valve and NU 4-1/16" x 15K BOP stack with 1 set of blind rams and 2 sets of pipe rams. SIFN. 24 Hour Forecast: Will start to pick up tbq. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468- 69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS 'C' 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS 'B' & 'C' 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'	
10/31/2007	06:00 - 16:00	10.00	BOP	1	TIGHT HOLE -RESUMPTION OF COMPLETION. THESE NEW COMPLETION COSTS TO BE ADDED TO PREVIOUS COMPLETION COSTS: On 10/30/07 SICP=0#. Tally and rabbit in the hole with new 2-3/8" EUE 8rd 4.7# P-110 tbq.to 11300'. SIFN. On 10/31/07 will continue to pick up tbq.and will circ.hole with 2% KCL water and start to POOH with tbq.. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468- 69' 16482-63'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D'	

Printed: 11/8/2007 3:26:47 PM

Questar E & P						Page 11 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007			
Location: 4-8-S 22-E 26			Rig Release:			
Rig Name: ROCKY MTN WS			Rig Number: 3			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/31/2007	06:00 - 16:00	10.00	BOP	1	15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS 'C' 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS 'B' & 'C' 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'	
11/1/2007	06:00 - 16:00	10.00	TRP	5	TIGHT HOLE - On 10/31/07 SICP = & SITP = 0#. SIAP = 820#. Continue to tally and rabbit in the hole with new 2-3/8" tbg and tag CBP @ 13140'. Circ hole with 2% KCL water. POOH w/tbg. SIFN. 24 Hour Forecast: Will perforate squeeze holes. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468- 69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17028-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS 'C' 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS 'B' & 'C' 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'	
11/2/2007	06:00 - 16:00	10.00	PERF	2	TIGHT HOLE - On 11/1/07 SICP = 0#. MIRU Cutters WL and perforate proposed circ/squeeze holes at the following depths using a 3-1/8" csg gun and "Prospector" charges at 2 shots each with 180" phasing: 13150' & 11550'. Had placed 2000# on	

Printed: 11/6/2007 3:28:47 PM

Questar E & P						Page 12 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007			
Location: 4-8-S 22-E 26			Rig Release:			
Rig Name: ROCKY MTN WS			Rig Number: 3			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
11/2/2007	06:00 - 16:00	10.00	PERF	2	<p>the csg prior to perforating and had no pressure drop. RDMO Cutters WL. Attempt to pump into csg at 4000# with no break. Open csg to the pit and started to flow. Flowed back est 170 bbls of water and turned to gas and flowed the well to the pit for 2 hours on a 18/64" choke with a stabilized FCP = 1200# and a very slight mist of water. SIFN. On AM of 11/2/07 SICP = 5300#.</p> <p>24 Hour Forecast: Will attempt to test well on 11/2/07.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468- 69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14565-57' ZONE #5: MANCOS 'C' 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS 'B' & 'C' 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07 TIGHT HOLE - On 11/2/07 SICP = 5300# and SIAP = 80#. Open csg on a 18/64" choke to the pit for 1/2 hour with FCP = 2900# and SI the well due to heavy gas vapors staying on the ground and also to turn to gas sales with no fluid recovery. Turn well to gas sales at 9:30 AM on 11/2/07 with the following readings: 9:30 AM = 16/64"; 3100#; 3.4 MMCFP; 11:00 AM: 16/64"; 1800#; 842 MCFD; 2:00 PM: 16/64"; 1.06 MCFD. Left well producing overnight. On 11/3/07: 16/64"; 1800#; 842 MCFD; 2:00 PM: 16/64"; 1150#; 1.06 MCFD. Left well producing overnight. On 11/3/07 having problems with choke plugging off with sediment. Attempted several choke settings and chokes would immediately plug up. SI the well. On 11/4/07 - SICP = 5900#. Open the csg on a 26/64" choke and choke immediately plugged up. SIFN. On 11/5/07 will work with rig crew and check out variables.</p> <p>24 Hour Forecast: Will work with rig crew & check out variables.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p>	
11/5/2007	06:00 - 16:00	10.00	OTH		<p>Squeeze holes @ 13150' & 11550' on 11/1/07 TIGHT HOLE - On 11/2/07 SICP = 5300# and SIAP = 80#. Open csg on a 18/64" choke to the pit for 1/2 hour with FCP = 2900# and SI the well due to heavy gas vapors staying on the ground and also to turn to gas sales with no fluid recovery. Turn well to gas sales at 9:30 AM on 11/2/07 with the following readings: 9:30 AM = 16/64"; 3100#; 3.4 MMCFP; 11:00 AM: 16/64"; 1800#; 842 MCFD; 2:00 PM: 16/64"; 1.06 MCFD. Left well producing overnight. On 11/3/07: 16/64"; 1800#; 842 MCFD; 2:00 PM: 16/64"; 1150#; 1.06 MCFD. Left well producing overnight. On 11/3/07 having problems with choke plugging off with sediment. Attempted several choke settings and chokes would immediately plug up. SI the well. On 11/4/07 - SICP = 5900#. Open the csg on a 26/64" choke and choke immediately plugged up. SIFN. On 11/5/07 will work with rig crew and check out variables.</p> <p>24 Hour Forecast: Will work with rig crew & check out variables.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p>	

Printed: 11/6/2007 3:26:47 PM

Questar E & P						Page 13 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007			
Location: 4-8-S 22-E 26			Rig Release:			
Rig Name: ROCKY MTN WS			Rig Number: 3			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
11/5/2007	06:00 - 16:00	10.00	OTH		<p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468- 69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17026-27'</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS "C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p> <p>TIGHT HOLE - On 11/5/07 SICP = 6000#. Open csg to the pit on a 14/64" choke for 2 hours with a final FCP = 2700# and dry gas. Turn the well to gas sales for 1-1/2 hours with a final FCP = 3140# on a 16/64" choke and a final rate of 3.8 MMCFD. Had trouble with separator and SI the well. The well will remain SI on 11/6/07 pending installation of additional equipment.</p> <p>Debris in chokes appears to be cement.</p> <p>24 Hour Forecast: The well will remain SI pending installation of additional equipment.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468- 69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17026-27'</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60'</p>	
11/6/2007	06:00 - 16:00	10.00	OTH			

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Questar E & P						Page 14 of 14
Operations Summary Report						
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007			
Location: 4-8-S 22-E 26			Rig Release:			
Rig Name: ROCKY MTN WS			Rig Number: 3			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
11/8/2007	06:00 - 16:00	10.00	OTH		14703-05; 14848-50; 14617-19; 14555-57 ZONE #5: MANCOS "C" 14392-94; 14296 - 14302; 14258-62 ZONE #6: MANCOS "C" 14154-56; 14110-12; 14101-03 14049-51; 13947-49; 13876-78; 13823-25 ZONE #7: MANCOS "B" & "C" 13692-94; 13554-56; 13516-18; 13503-05 13442-44; 13383-85; 13311-13; 13274-76 Squeeze holes @ 13150' & 11550' on 11/1/07	

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Questar E & P					Page 1 of 25
Operations Summary Report					
Well Name: GB 1M-4-8-22R			Spud Date: 1/24/2007		
Location: 4-8-S 22-E 26			Rig Release:		
Rig Name: ROCKY MTN WS			Rig Number: 3		
Date	From - To	Hours	Code	Sub Code	Description of Operations
6/28/2007	06:00 - 16:00	10.00	LOC	4	<p>On 6/27/07 - Initial Completion Report.</p> <p>7:00 AM Conduct safety meeting. MIRU IPS Flow Back Equipment. Spectrum fluid ser Zeco pit & shaker.</p> <p>2:00 PM - MIRU Bronco Flow Cross BOP HCR Master Valve. IPS CTU Fluid pump. MU Lubricator. NU WH. Chain down & secure well.</p> <p>24 Hour Forecast: Starting in hole to drill out cement.</p>
6/29/2007	06:00 - 16:00	10.00	BOP	1	<p>On 6/28/07 - 7:00 AM Conduct safety meeting. Unchain ND lubricator from WH. MU Baker BHA. CTC pull test 25K. MU 2-7/8" jars. MU CT disc circ sub. MU MTR 3 tooth drag bit. Surface test MTR, circ sub opened replaced circ sub. Retest it opened. Replaced got good surface test. NU on WH test - all lines & WH equipment to 8000 psi BO Open well.</p> <p>10:00 AM - Start in hole pumping 5 BPM to 2 BPM tag cement @ 10861' fell through CIH to 11015'. Fell through CIH to 11378'. Started drilling hard cement at 11401'.</p> <p>2:00 PM had gas bubble and approx 15 bbl mud - stop drilling CWC - got up rubber plug debris. CIH to 11491'.</p> <p>5:00 PM MTR quit POOH had stater rubber in mill port. Secure well SDFN @ 7:00 PM. Total footage drilled 630'.</p> <p>24 Hour Forecast: Drill out cement.</p> <p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p>
6/30/2007	06:00 - 16:00	10.00	DRL	4	<p>On 6/29/07 @ 6:00 AM Conduct safety Meeting. MU Baker BHA 2-7/8 MTR 3-5/8" 3 tooth drag bit. NU on WH test lines & WH equipment to 8K BO.</p> <p>7:00 AM Open well. TIH tag @ 11500'. Start drilling cement.</p> <p>9:30AM - 11,600'.</p> <p>11:30 AM - 11,860'. PU of BTM, SI csg psi to 3500 psi, surged back CIH drilling to 12651'. SI csg psi up to 3500 surge back no fill. See pumping 2 BPM, pump 15 bbls gel sweeps CWC. POOH secure well.</p> <p>7:00 PM - SDFN.</p> <p>TOTAL FOOTAGE DRILLED TODAY = 1151' - TOTAL 1781'.</p> <p>24 Hour Forecast: Drill out cement.</p> <p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p>
7/1/2007	06:00 - 16:00	10.00	DRL	4	<p>On 6/29/07 @ 6:00 AM Conduct safety Meeting. MU Baker BHA 2-7/8 MTR 3-5/8" 3 tooth drag bit. NU on WH test lines & WH equipment to 8K BO.</p> <p>7:00 AM Open well. TIH tag @ 12652'. CIH Drilling cement 2-4 FPM to 13280'.</p> <p>1:30 PM - Top Bowen Union started leaking. PU of BTM moved crane around would not stop PSI up to 800, would not stop. Close pipe rams. Pumped 15 bbls gel sweep. CWC open rams, POOH, SI well. ND Lubricate. ND Baker BHA. RD lubricator, change all o-rings. RU lubricator. MU Baker BHA as same. 6:00 PM - SDFN.</p> <p>TOTAL FOOTAGE DRILLED TODAY = 628' - TOTAL 2409'</p> <p>24 Hour Forecast: Drill out cement.</p>

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Questar E & P
Operations Summary Report

Page 2 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/1/2007	06:00 - 16:00	10.00	DRL	4	Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'
7/2/2007	06:00 - 16:00	10.00	DRL	4	On 7/1/07, @ 6:00 AM Conduct Safety Meeting. BO 3 tooth drag mill. MU Baker 3.701 Carbide Hurricane mill. Surface test MTR, NU on WH test lines and WH equipment to 8K BO Open Well. TIH Tag @ 13288'. CIH drilling cement @ .5 to 1 FPM. 2:00 PM - Plugged choke w/ very course cut cement. Stop drilling pump. 15 BBL gel sweep. Clean well. SI csg psi up to 3500 . Surge back, CIH drilling to 13860'. PU pump 15 BBL Sweep CWC. POOH. SI well. ND Lubricator BO 3.701 Hurricane mill. BO MTR. MU MTR. MU 3 tooth drag bit. NU on WH. Secure well. SDFN @ 7:00 PM. TOTAL FOOTAGE DRILLED TODAY = 572' - TOTAL 2981' 24 Hour Forecast: Drill out cement. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 7/2/07, 6:00 AM Conduct safety meeting. WHP 4-1/2 to 9-5/8 5000 surface. Test MTR w/ 3-5/8 3 tooth drag mill test lines & WH equipment to 8K BO. Open well - TIH pumping .5 to 2 BPM. Tag @ 13838'. CIH drilling to 14838'. PU SI csg psi up 3500 surge back. CIH drilling to 15001'. Pump 15 bbl gel sweep. CWC POOH secure well clean and jet shaker pit full of cement. Replace 300 bbl of gel system w/ fresh 2% & re-gel up. SDFN @ 9:00 PM. Will run full drift 3.701 3 tooth drag mill in AM TOTAL FOOTAGE DRILLED TODAY = 1163' - TOTAL 4140' 24 Hour Forecast: Drill out cement. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 7/3/07, 6:00 AM Conduct safety meeting. WHP 4-1/2 0 9-5/8" 5000. Surface test MTR w/ 3.701 3 tooth drag mill, test lines & WH equipment to 8K - BO Open well. TIH pumping .5 to 2 BPM. Tag @ 14984'. CIH drilling to 15590'. PU 300'. Clean well up. CIH drilling picking up 50' for every 100' drilled. Pumping gel sweeps every 50'. Drilled CIH to 16300'. Pump 15 bbl gel sweep CWC. POOH. Secure well. ND lube BO mill & MTR. MU new MTR. MU same mill 3.701 . NU WH. SDFN @ 8:00 PM. TOTAL FOOTAGE DRILLED TODAY = 1316' - TOTAL = 5439' 24 Hour Forecast: Drill out cement. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 7/4/07 - 6:00 AM Conduct safety meeting. WHP 4-1/2 0 5200, Surface test MTR w/ 3.701 3 tooth drag mill. Test line & WH equipment to 8K BO. Open well. PSI up csg 3500 surge back. TIH pumping .5 to 2 BPM. Tag @ 16315'. CIH drilling ROP 2-4 picking up 50' for every 100' drilled. Pumping gel sweeps every 50'. Drilled CIH to 17058'. Tag & stall. PU 50' RIH to 17058'. Tag & stall. PU off BTM pump 20 bbls 80 VIS Sweep. PU to 16000'. SI csg PSI to 3500 psi. Surge back. RIH circ 2 BTM up w/ 3 - 20 bbl 80 VIS Sweeps. To surface displace gel water w/ 191 bbl 2%
7/3/2007	06:00 - 16:00	10.00	DRL	4	
7/4/2007	06:00 - 16:00	10.00	DRL	4	
7/5/2007	06:00 - 16:00	10.00	DRL	4	

Questar E & P
Operations Summary Report

Page 3 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/5/2007	06:00 - 16:00	10.00	DRL	4	<p>KCL. POOH. RDMO IPS CTU & Pumps 17058 + 22' KB 17080'. Clean & jet spectrum tank.</p> <p>TOTAL FOOTAGE DRILLED TODAY = 743' - TOTAL = 6197'</p> <p>Relieved by Mike Hagen (580)254-4394.</p> <p>24 Hour Forecast: Run cased hole logs.</p> <p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'</p>
7/7/2007	06:00 - 16:00	10.00	LOG	2	<p>On 7/6/07, @ 12:30 PM MIRU Schlumberger EWL, Crane. NU 4-1/16" x 15K Crossover Flange on top of production tree. Open up master valves on tree to check pressure on csg 0#. Make up 3.623" DTI Cased Hole Logging Tools and start in hole @ 5:00 PM. Engineer was going in hole too fast abd hit fluid @ 381' and jumped line off shelve. Shut down to fix line and continue in hole with logging tools and set down @ 16,095'. Work log tools up/down to try and get through spot. Could not get through spot w/ repeated attempts. Called Mr. Stahl to inform him where we set down at. POOH w/ logging tools and RDMO Schlumberger Logging Truck, Crane. Secure well for the night and shut down.</p> <p>24 Hour Forecast: MIRU IPS Coil Tbg Unit and RIH down to 16,095' and clean out to bottom.</p> <p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'</p>
7/8/2007	06:00 - 16:00	10.00	TRP	9	<p>On 7/7/07, MIRU IPS Coil Tubing Unit & pull test CC to 25K and pressure test to 2500#. Function test motor to @ 2.0 bbls 2800#. NU to production tree and RIH with 2.88" x 2.375" Coil Connector, 2.88" x 2.375" Dual Back Pressure Valve, 2.88" x 2.375" Bowen Coil Tubing Jars, 2.88" x 2.375" Hydraulic Disconnect, 2.88" x 2.375" Dual Circulation Valve, 2.88" x 2.375" VIP NaviDrill Motor, X-Over Sub 2-3/8" Reg x 2-3/8" PAC (BXP). RIH w/ coil tbg & hit a small bobble @ 16,093' only about 2K difference pushed right through and RIH down to 17,063' & pick up 5' off bottom & pump 10 bbls FR Pill. Circulate bottoms up & POOH with C/T & shut production tree in. RD C/T Unit. SDFWE.</p> <p>24 Hour Forecast: Leave C/T on standby for Monday if Bond Log won't go through.</p> <p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'</p>
7/10/2007	06:00 - 16:00	10.00	LOG	4	<p>On 7/9/07, MIRU Cutters EWL and NU 4-1/16" x 15K x 10 K crossover spool. RIH w/ 3.625" GR/JB down to 17,065' (EWL Measurement) & POOH w/ same. Had few pieces of cement in JB on surface. RIH w/ CCL/2.375" CBL tool down to PBTD & start pulling bond log holding 2000# pressure @ 14,000' CBL quit working. POOH & fixed bond tools. RIH back down to 14,000' where tool quit working and start logging again. Pull CBL up to 5000' per Mr. Stahl's instructions. Shut down logging & POOH w/ CBL tools & secure well. RDMO EWL, Hot Oiler.</p> <p>TOC @ 12,610' 20-30% bond down to 13,200'. Excellent cement from 13,200' down to 17,065' 95-100% bond.</p> <p>24 Hour Forecast: MIRU PLS EWL to run Temp & Noise Survey.</p> <p>Csg Size: 4-1/2" 15.1#</p>

Questar E & P
Operations Summary Report

Page 4 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/10/2007	06:00 - 16:00	10.00	LOG	4	Csg Depth: 17,083'
7/11/2007	06:00 - 16:00	10.00	LOG	4	On 7/10/07 MIRU PLS EWL Truck, Mast. NU 4-1/16" x 15K x 5K flange on top of production tree. RIH w/ CCL, 1-3/4" Temp & Noise Tool down to 15,000'. Pull back up to 12,000' and open up surface valve through Parchmans flow manifold to tank 20/64" choke 6000# pressure. BHT @ 12,000' was 219°F with well flowing to tank. Pressure had dropped down to 4500# 219°F. Slickline operator was adjusting trailer mounted mast and crimped line and shorted out tools. Shut surface valve in and POOH w/ tools. Secure well for the night. 24 Hour Forecast: MIRU PLS EWL to rerun Temp & Noise Survey. No cost for wireline services today. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'
7/12/2007	06:00 - 16:00	10.00	LOG	4	On 7/11/07, MIRU PLS EWL, Mast, check surface pressure 4500#. Open up surface through Parchman's manifold to tank 20/64" choke. RIH w/ CCL, 1-3/8" Temp & Noise Tool down to 5000' and record temp -122°F for 25 minutes. RIH down to 15,000' to start base log. Pull back up to 9100' and log back down and @ approx. 9500' log was showing gas entry. Continue down hole down to 10,000' and stop. Pull through spot @ 9500' with the same results. Pull up to 5000' and turn on noise log and continue down hole stopping every 100' to record noise. Stop @ top of 7" liner and record noise level (No change). Continue down hole to 9100' stopping in 50' intervals. Stop @ 9400' and noise level and temp were changing. Continue down to 9475' and stop and record temp/noise level. Called Mr. Stahl to inform him that gas entry according to noise log was @ 9475'. RIH down to 12,620' below 7" liner and record noise levels. No gas entry was showing up on temp/noise log. POOH w/ tools and shut surface valve in and secure well. 24 Hour Forecast: Clean up log & send to Denver.
7/15/2007	06:00 - 16:00	10.00	LOG	2	Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 7/14/07, MIRU Schlumberger EWL Services, Crane. RIH w/ 3.56" GR/JB down to PBTD @ 17,085'. Start POOH w/ CCL, GR, JB and @ 16,550' JB was pulling tight with approx 1200# of tension over. Called Mr. Stahl to inform him of tight spot. Schlumberger will stay above tight spot and pull Sonic Image Tool from 16,500' - 12,600' and Gamma Ray/Neutron log from 12,600' up to 5,000'. POOH w/ tools and secure well RDMO Schlumberger. 6:00 AM on 7/15/07 - Operator was pulling 200' repeat pass and will RDMO this AM. JB had thin pieces of cement in it on surface. 24 Hour Forecast: Process and send logs to Denver for evaluation.
8/8/2007	06:00 - 16:00	10.00	PERF	2	Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' Report dated 7/4/07 by Rob Odom TIGHT HOLE. Continuation of completion report. The prod.csg.was drilled out with coil tbg.to a PBTD of 17083'. The well was logged with Cutters WL on 7/9/07 with a CBL/VDL/GR log. The well was logged with Schlumberger on 7/14/07 with a Dipole Sonic/GR/Porosity log. All csg.and valves were pressure tested to 11500# with Quick Test. On 8/6/07 SI intermediate pressure was 6400#. Bled off with Parchman to a small blow on AM of 8/7/07. On 8/8/07 MRU OWP and perforated the following zones as follows using a 2-1/2" csg.gun at 2 JPF and 120" phasing per

Questar E & P
Operations Summary Report

Page 5 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/8/2007	06:00 - 16:00	10.00	PERF	2	<p>the CBL log dated 7/9/07: Frontier: 16328-29'; 16362-63'; 16443-44'; 16466-69'; 16482-83'; 16538-39'; 16664-65'; 16715-17' & 16723-24'; Dakota Silt: 16798-99'; 16858-59'; 16907-08'; Dakota: 16994-96'; 17026-27' (32 holes). No pressure after perforating. SIFN.</p> <p>On 7/8/07 frac as follows below:</p> <p>ZONE #1 (16328-17027' - FRON./DAK./SILT/DAKOTA): Frac this interval using a 12# linear gel as follows: Breakdown with 1000 gal.of 15% HCL and 50-7/8" Bio-balls followed by a 20000 gal.pad and stage 0.5 to 2 ppg 30/50 mesh Econoprop in 43000 gal.of fluid and flush with 10595 gal.of slick water. Pad contained 5000# of 100 mesh sand. Total of 50400# of sand and a total load of 2005 bbl..Max.rate=44; Ave=20 BPM; Max.psi=11483#; Ave=9495#; Lubricate in a 4-1/2" comp.frac plug and set at 16273'. Perforate per the CBL log dated 7/9/07 the following intervals using a 2-1/2" csg.gun at 3 JPF and 120" phasing: Mancos D: 15815-17'; 15819-21'; 15892-94'; Froniter: 15919-21'; 15963-65'; 15985-87'; 16158-60' & 16200-02'; (48 holes).</p> <p>ZONE#2: (15815-16202' -MANCOS D//FRONTIER): Frac this interval using a slick water system as follows: Pump 400 gal.of 15% HCL followed by a 16000 gal.pad and stage 0.25 to 1.25 ppg 30/50 mesh Econoprop sand in 24500 gal.of fluid and had 2-10000 gal.spacers between sand stages. Flush with 15800 gal.of slick water. Total of 14200# sand. Total load of 1450 bbl..Max=41.4; Ave=35.8; Max.psi=11242#; Ave=10588#; ISIP=7839# (.93). Lubricate in a comp.frac plug and set at 15709'; Perforate per the above gun and log at 3 JPF the following Mancos D intervals: 15046-50'; 15094-96'; 15213-15'; 15245-47'; 15309-11'; 15472-74'; 15588-90'; 15652-54' (48 holes).</p> <p>ZONE#3: (15048-15654'--MANCOS D): Frac this interval using a 10# linear gel 2% KCL water system as follows: Pump 400 gal. of 15% HCL followed by a 15000 gal.pad and stage 0.5 to 2 ppg 30/50 mesh Econoprop sand in 33000 gal.of fluid and flush with 7170 gal..Screened out in flush leaving est.5000# of sand in csg..Total of 33300# of sand in formation and a total load of 1150 bbl..Max.rate=36' Ave=23.3 PBM; Max.psi=11691#; Ave=10242#; SIFN. Max.psi on intermediate csg.was 50# during the job after bleeding off overnight.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Load from yesterday: 250 Plus water today: 4600 LLTR: 4850</p> <p>Perfs:</p> <p>ZONE#1: FRON./DAK./SILT 16328-29'; 16382-83'; 16443-44';16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE#2: FRON./MANCOS D 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE#3: MANCOS D 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ON AM of 8/8/08 SI psi on intermediate is 750#-bled off On 8/8/07 - Perforate the following Mancos 'C' intervals using a 2-1/2" csg gun at</p>
8/9/2007	06:00 - 16:00	10.00	PERF	2	

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/9/2007	06:00 - 16:00	10.00	PERF	2	<p>120" phasing per the CBL log dated 7/9/07 @ 3 JPF: 14555-57'; 14617- 19'; 14648-50'; 14758-60'; 14895-97' & 14908-10' (48 holes).</p> <p>Zone #4: (14555' - 14910' - Mancos "C"): Frac this interval down csg using a 2% KCL slickwater system as follows: Pump 400 gals of 15% HCL acid followed by a 16000 gal pad and stage 0.25 to 1.25 ppg 30/50 Econoprop in 50000 gals of fluid and had 3-10,000 gal spacers in between the sand stages and flush with 9531 gals of slick water. Total of 44600# of sand and a total load of 2585 bbl. Max rate = 45.9 BPM; avg rate = 39.2 BPM; Max psi = 11420#; avg psi = 10375#; ISIP = 6886# (.91). Lubricate in a 4-1/2" comp frac plug and set at 14430'. Perforate the following Mancos "C" intervals per the above gun and log: 14258-62'; 14296-14302' & 14392-94' (36 holes).</p> <p>Zone #5 (14258' - 14393' - Mancos "C"): Frac this interval using a 2% KCL 10# linear gel water system as follows: Pump 1400 gals of 15% HCL acid followed by a 15000 gal pad abd stage 0.5 to 1.5 ppg 30/50 mesh Econoprop in 27800 gals of fluid and went to flush due to possible screen-out. Flushed successfully with 9366 gals of slick water. Total of 26630# of sand and a total load of 1270 bbls. Max rate = 45.6 BPM; avg rate = 39.6 BPM; max psi = 11395#; avg psi = 10280#; ISIP = 6964# (.93). Lubricate in a comp frac plug and set at 14170'. Perforate per the above gun & log the following Mancos "C" intervals: 13823-25'; 13876-78'; 13947-49'; 14049-51'; 14101-03'; 14110-12' & 14154-56' (42 holes).</p> <p>Zone #6 (13823' - 14156' - Mancos "C"): Frac this interval using a 2% KCL slickwater system as follows: Pump 1400 gals of 15% HCL followed by a 22000 gal pad and stage 0.25 to 1.25 ppg 30/50 mesh Econoprop sand in 52500 gals of fluid with 3-8500 gal spacers in between sand stages and flush with 9100 gals of slick water. Total of 45000# of sand and a total load of 2625 bbl. Max rate = 46.4 BPM; avg rate = 45.6 BPM; max psi = 10580#; avg psi = 8774#; ISIP = 6821# (.93). Lubricate in a comp frac plug and set at 13720'. Perforated the following intervals per the above gun & log: Mancos "B": 13383-85'; 13442-44'; 13503-05'; 13516-18'; 13554-56'; Mancos "C" = 13892-94'; (36 holes).NOTE: MANCOS 'B' ZONES 13274-76' & 13311-13' DID NOT GET PERFORATED DUE TO MISRUN.</p> <p>Zone #7 (13383' - 13694' - Mancos "B" & "C"): Frac this interval with a 10# linear 2% KCL water system as follows: Pump 1400 gals of 15% HCL acid followed by a 19000 gal pad and stage 0.5 to 2 ppg 30/50 mesh Econoprop in 31500 gals of fluid and flush with 7865 gals of slick water. Total of 40800# of sand and a total load of 1420 bbls. Max rate = 38.8 BPM; avg rate = 30.7 BPM; max psi = 11263#; avg psi = 9542#; ISIP = 6516# (0.92). SI the well and RDMO service companies. Open the well at 10:00 PM after a 2-1/2 hour SI period. SICP = 6650#. At 5:30 AM on 8/9/07 SICP = 8750# on a 12/64" choke with lite sand and a rate of 103 BPH of water with no gas and a total recovery in the last 7-1/2 hours of 735 bbls. Will MIRU IPS Coil Unit this AM and clean out well.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>LLTR: 11995 Gals</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39'; 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D'</p>

Questar E & P
Operations Summary Report

Page 7 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/9/2007	06:00 - 16:00	10.00	PERF	2	15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS 'C' 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS 'B' & 'C' 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'
10/24/2007	06:00 - 16:00	10.00	PERF	2	RESUMPTION OF COMPLETION. THESE NEW COMPLETION COSTS TO BE ADDED TO PREVIOUS COMPLETION COSTS: On 10/23/07 MIRU Rocky Mtn. WS to resume completion of well. MI related equipment. On 10/24/07 will RIH with gauge ring and if OK with set a comp BP. perforate squeeze holes and set a WL set cement retainer. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39'; 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS 'C' 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS 'B' & 'C' 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'
10/25/2007	06:00 - 16:00	10.00	PERF	2	TIGHT HOLE - On 10/24/07 SICP = 640#, SIAP = 280#. MIRU Cutters WL and ran

Questar E & P
Operations Summary Report

Page 8 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/25/2007	06:00 - 16:00	10.00	PERF	2	<p>a 3.625" gauge ring to 13280' - OK. Set a CBP @ 13260'. Fill csg with 140 bbls of 2% KCL water and test csg and plug to 4000# - held OK. Bled csg down to 1000#. Perforate squeeze holes from 13150' - 13152' (8 holes) at 4 JPF and 90" phasing using a 3-1/8" csg gun. Open 4-1/2" x 9-5/8" annulus to the pit before perforating and lost 600# on the 4-1/2" csg after perforating with no change in the gas blow from the annulus. POOH with gun. Attempt to break down csg squeeze holes with returns up the 4-1/2" x 9-5/8" annulus several times at 4000# max and would not break down after surging back each time. Left 1000# SICP on the well overnight and SIFN. On AM of 10/25/07 SICP = 1800# & SIAP = 50#.</p> <p>24 Hour Forecast: Will run a bond log.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39'; 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p>
10/26/2007	06:00 - 16:00	10.00	LOG	4	<p>TIGHT HOLE - On 10/25/07 SICP = 1800# & SIAP = 50#. Bled off csg. RU Cutters WL to run a CBL/VDL/GR log. RIH to 13150' & having too much gas interference to obtain valid data. POOH with logging tools. WL set a CBP @ 13140' & test plug to 4000# after filling the hole with 14 bbls of water. Re-run log from 13140' to 9950' and starting to have too much gas interference at 9950'. Lay down logging tools and SIFN. Will allow gas to migrate up the hole in order to obtain good bond log data. On AM of 10/26/07 SICP = 1100# & SIAP = 80#.</p> <p>24 Hour Forecast: Will continue to run log.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p>

Questar E & P
Operations Summary Report

Page 9 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/26/2007	06:00 - 16:00	10.00	LOG	4	<p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p>
10/29/2007	06:00 - 16:00	10.00	LOG	2	<p>TIGHT HOLE -On 10/26/07 SICP = 1100# and SIAP = 80#. Bled down csg to 0# in 5 minutes. RU Cutters WL and continue to run a CBL/VDL/GR log from 10700' to 4800' with no pressure on well. RDMO Cutters WL and SIFWE.</p> <p>24 Hour Forecast: Will NDWH & NU BOP's and start to pick up tbg.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C"</p>

Questar E & P
Operations Summary Report

Page 10 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/29/2007	06:00 - 16:00	10.00	LOG	2	13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'
10/30/2007	06:00 - 16:00	10.00	BOP	1	TIGHT HOLE - On 10/29/07, SICP = 0# & SIAP = 450#. ND 15K frac valve and NU 4-1/16" x 15K BOP stack with 1 set of blind rams and 2 sets of pipe rams. SIFN. 24 Hour Forecast: Will start to pick up tbq. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'
10/31/2007	06:00 - 16:00	10.00	BOP	1	TIGHT HOLE -RESUMPTION OF COMPLETION. THESE NEW COMPLETION COSTS TO BE ADDED TO PREVIOUS COMPLETION COSTS: On 10/30/07 SICP=0#. Tally and rabbit in the hole with new 2-3/8" EUE 8rd 4.7# P-110 tbq.to 11300'. SIFN. On 10/31/07 will continue to pick up tbq.and will circ.hole with 2% KCL water and start to POOH with tbq.. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D'

Questar E & P
Operations Summary Report

Page 11 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/31/2007	06:00 - 16:00	10.00	BOP	1	15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'
11/1/2007	06:00 - 16:00	10.00	TRP	5	TIGHT HOLE - On 10/31/07 SICP = & SITP = 0#. SIAP = 820#. Continue to tally and rabbit in the hole with new 2-3/8" tbg and tag CBP @ 13140'. Circ hole with 2% KCL water. POOH w/ tbg. SIFN. 24 Hour Forecast: Will perforate squeeze holes. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39'; 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'
11/2/2007	06:00 - 16:00	10.00	PERF	2	TIGHT HOLE - On 11/1/07 SICP = 0#. MIRU Cutters WL and perforate proposed circ/squeeze holes at the following depths using a 3-1/8" csg gun and "Prospector" charges at 2 shots each with 180" phasing: 13150' & 11550'. Had placed 2000# on

Questar E & P
Operations Summary Report

Page 12 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/2/2007	06:00 - 16:00	10.00	PERF	2	<p>the csg prior to perforating and had no pressure drop. RDMO Cutters WL. Attempt to pump into csg at 4000# with no break. Open csg to the pit and started to flow. Flowed back est 170 bbls of water and turned to gas and flowed the well to the pit for 2 hours on a 18/64" choke with a stabalized FCP = 1200# and a very slight mist of water. SIFN. On AM of 11/2/07 SICP = 5300#.</p> <p>24 Hour Forecast: Will attempt to test well on 11/2/07.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07 TIGHT HOLE - On 11/2/07 SICP = 5300# and SIAP = 80#. Open csg on a 18/64" choke to the pit for 1/2 hour with FCP = 2900# and SI the well due to heavy gas vapors staying on the ground and also to turn to gas sales with no fluid recovery. Turn well to gas sales at 9:30 AM on 11/2/07 with the following readings: 9:30 AM = 16/64"; 3100#; 3.4 MMCFP; 11:00 AM: 16/64"; 1800#; 842 MCFD; 2:00 PM: 16/64"; 1.06 MCFD. Left well producing overnight. On 11/3/07: 16/64"; 1800#; 842 MCFD; 2:00 PM: 16/64"; 1150#; 1.06 MCFD. Left well producing overnight. On 11/3/07 having problems with choke plugging off with sediment. Attempted several choke settings and chokes would immediately plug up. SI the well. On 11/4/07 - SICP = 5900#. Open the csg on a 26/64" choke and choke immediately plugged up. SIFN. On 11/5/07 will work with rig crew and check out variables.</p> <p>24 Hour Forecast: Will work with rig crew & check out variables.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p>
11/5/2007	06:00 - 16:00	10.00	OTH		

Questar E & P
Operations Summary Report

Page 13 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/5/2007	06:00 - 16:00	10.00	OTH		<p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C' 14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p> <p>TIGHT HOLE - On 11/5/07 SICP = 6000#. Open csg to the pit on a 14/64" choke for 2 hours with a final FCP = 2700# and dry gas. Turn the well to gas sales for 1-1/2 hours with a final FCP = 3140# on a 16/64" choke and a final rate of 3.8 MMCFD. Had trouble with separator and SI the well. The well will remain SI on 11/6/07 pending installation of additional equipment.</p> <p>Debris in chokes appears to be cement.</p> <p>24 Hour Forecast: The well will remain SI pending installation of additional equipment.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60'</p>
11/6/2007	06:00 - 16:00	10.00	OTH		<p>TIGHT HOLE - On 11/5/07 SICP = 6000#. Open csg to the pit on a 14/64" choke for 2 hours with a final FCP = 2700# and dry gas. Turn the well to gas sales for 1-1/2 hours with a final FCP = 3140# on a 16/64" choke and a final rate of 3.8 MMCFD. Had trouble with separator and SI the well. The well will remain SI on 11/6/07 pending installation of additional equipment.</p> <p>Debris in chokes appears to be cement.</p> <p>24 Hour Forecast: The well will remain SI pending installation of additional equipment.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60'</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/6/2007	06:00 - 16:00	10.00	OTH		<p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C'</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C'</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS 'B' & 'C'</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p> <p>TIGHT HOLE - Well was SI on 11/6/07 while surface equipment was installed and systems cleaned out.</p> <p>24 Hour Forecast: Will attempt to flow test the well.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125</p> <p>Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT</p> <p>16328-29'; 16382-83'; 16443-44'; 16468-69'</p> <p>16482-83'; 16538-39'; 16664-65'; 16715-17'</p> <p>16723-24'; 16798-99'; 16858-59'; 16907-08'</p> <p>16994'-96'; 17026-27'</p> <p>ZONE #2: FRONTIER/MANCOS 'D'</p> <p>15815-17'; 15819-21'; 15892-94'; 15919-21';</p> <p>15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D'</p> <p>15048-50'; 15094-96'; 15213-15'; 15245-47'</p> <p>15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p> <p>14908-10'; 14895-97'; 14794-96'; 14758-60'</p> <p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C'</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C'</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS 'B' & 'C'</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/7/2007	06:00 - 16:00	10.00	PTST	2	<p>TIGHT HOLE - On 11/7/07 - SICP = 5800# & SIAP = 680#. Construction still working on surface equipment. Bled off AP to 5# and has a very minimal gas blow. Open csg to production system at 4:45 PM. Released rig crew for the day. On AM of 11/8/07 well is SI at the wellhead due to debris flowing into system. Evaluating options.</p> <p>24 Hour Forecast: Evaluating Options.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125</p> <p>Casing depth: 17083' FC@ 17080'</p>
11/8/2007	06:00 - 16:00	10.00	PTST	5	<p>24 Hour Forecast: Evaluating Options.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125</p> <p>Casing depth: 17083' FC@ 17080'</p>

Questar E & P
Operations Summary Report

Page 15 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/8/2007	06:00 - 16:00	10.00	PTST	5	<p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p>
11/9/2007	06:00 - 16:00	10.00	WOT	4	<p>Squeeze holes @ 13150' & 11550' on 11/1/07 TIGHT HOLE - On 11/8/07 - Rig is on standby pending installation of Parchman equipment on 11/12/07.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p>

Questar E & P
Operations Summary Report

Page 16 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/9/2007	06:00 - 16:00	10.00	WOT	4	Squeeze holes @ 13150' & 11550' on 11/1/07
11/12/2007	06:00 - 16:00	10.00	WOT	4	<p>TIGHT HOLE - On 11/8/07 - Rig is on standby pending installation of Parchman equipment on 11/12/07.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/13/2007	06:00 - 16:00	10.00	PTST	2	<p>TIGHT HOLE - On 11/13/07 SICP = 5900#. Moved in Parchman flow-back equipment over the weekend. Tied Parchman into csg valves and attempt to bleed down csg but chokes and line freezing up immediately even while injecting methanol. SI the well for the night.</p> <p>24 Hour Forecast: Will install line heating equipment and attempt to produce the well.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47'</p>

Printed: 12/3/2007 10:27:20 AM

Questar E & P
Operations Summary Report

Page 17 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/13/2007	06:00 - 16:00	10.00	PTST	2	<p>15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p> <p>14908-10'; 14895-97'; 14794-96'; 14758-60'</p> <p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C'</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C'</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS 'B' & 'C'</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p> <p>TIGHT HOLE - On 11/13/07 SICP = 5900# & SIAP = 1020#. Install additional Parchman flowback equipment. Open the csg to Parchman flow back system at 11:30 AM on 11/13/07 on a 8/64" choke with a rate of 1.6 MMCFD and 5400#. At 2:00 PM FCP = 4550# on a 8/64" choke and 1.4 MMCFD rate. At 6:00 PM FCP = 3600# on a 12/64" choke at a rate of 2.3 to 2.8 MMCFD and starting to have problems with choke plugging and severe hydrates. SI the well at 7:00 PM due to line freezing. At 6:30 AM on 11/14/07 SICP = 5400#.</p> <p>24 Hour Forecast: Will attempt to thaw out unit and try to produce the well again.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125</p> <p>Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT</p> <p>16328-29'; 16382-83'; 16443-44'; 16468-69'</p> <p>16482-83'; 16538-39'; 16664-65'; 16715-17'</p> <p>16723-24'; 16798-99'; 16858-59'; 16907-08'</p> <p>16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D'</p> <p>15815-17'; 15819-21'; 15892-94'; 15919-21';</p> <p>15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D'</p> <p>15048-50'; 15094-96'; 15213-15'; 15245-47'</p> <p>15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p> <p>14908-10'; 14895-97'; 14794-96'; 14758-60'</p> <p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C'</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C'</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS 'B' & 'C'</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/14/2007	06:00 - 16:00	10.00	PTST	2	<p>TIGHT HOLE - At 6:00 AM on 11/14/07 SICP = 5400#. Open the csg at 10:45 AM thru Parchman flow back equipment and then via our production units to sell gas. At 2:00 PM the well was producing on a 16/64" choke at a rate of 2.7 MMCFP with</p>
11/15/2007	06:00 - 16:00	10.00	PTST	2	

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/15/2007	06:00 - 16:00	10.00	PTST	2	<p>14 bbls of water per hour and FCP = 2500#. Continue to flow well overnight on various chokes and at 6:00 AM on 11/15/07 FCP = 1100# on a 18/64" choke at a rate of 1.1 MMCFD and 2-4 BPH of water with a recovery since AM of 11/14/07 of 113 bbls. System appears to be working fine.</p> <p>24 Hour Forecast: Will continue to flow test the well.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/16/2007	06:00 - 16:00	10.00	PTST	2	<p>TIGHT HOLE - At 6:00AM on 11/15/07 FCP=1100# on a 18/64" choke at a rate of 1.1 MMCFD and 2-4 bbl per hour. Continue to flow test thru Parchman and into gas sales for the next 24 hours. At 6:00AM on 11/16/07 FCP=1000# on a 18/64" choke at a rate of 1 MMCFD and 4 bbl.per hour of water. Have recovered 97 bbl.of water in the last 24 hours. This AM will RDMO Parchman and continue to flow the well via gas sales over the weekend.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21';</p>

Questar E & P
Operations Summary Report

Page 19 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/16/2007	06:00 - 16:00	10.00	PTST	2	<p>15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D'</p> <p>15048-50; 15094-96'; 15213-15'; 15245-47'</p> <p>15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p> <p>14908-10'; 14895-97'; 14794-96'; 14758-60'</p> <p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C'</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C'</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS 'B' & 'C'</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p> <p>TIGHT HOLE - At 6:00 AM on 11/16/07 FCP=1000# on a 18/64" choke at a rate of 1 MMCFD and 4 bbl.per hour of water. Continue to flow test after rigging down and moving out Parchman. Continue to flow the well during the day and at 2:00PM On 11/16/07 FCP=835# on a 18/64" choke at a rate of 800 MCFD and 2-4 bbl.per hour of water. Continue to produce the well via gas sales over the weekend with no troubles and at 7:00AM on 11/19/07 FCP=670# at a rate of 670 MCFD with no rate on fluid and a SIAP=1400#.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125</p> <p>Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT</p> <p>16328-29'; 16382-83'; 16443-44'; 16468-69'</p> <p>16482-83'; 16538-39'; 16664-65'; 16715-17'</p> <p>16723-24'; 16798-99'; 16858-59'; 16907-08'</p> <p>16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D'</p> <p>15815-17'; 15819-21'; 15892-94'; 15919-21';</p> <p>15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D'</p> <p>15048-50; 15094-96'; 15213-15'; 15245-47'</p> <p>15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p> <p>14908-10'; 14895-97'; 14794-96'; 14758-60'</p> <p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C'</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C'</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS 'B' & 'C'</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p> <p>TIGHT HOLE - At 7:00 AM on 11/19/07 FCP=870# at a rate of 670 MCFD.</p>
11/19/2007	06:00 - 16:00	10.00	PTST	2	
11/20/2007	06:00 - 16:00	10.00	PTST	2	

Printed: 12/3/2007 10:27:20 AM

Questar E & P
Operations Summary Report

Page 20 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/20/2007	06:00 - 16:00	10.00	PTST	2	<p>SIAP=1400#. SI csg.and bullhead 50 bbl.of 10# brine and 30 bbl.of 2% KCL water down csg..Csg.started to pressure up to 200#. Bled off AP of 1400# to 10#. SI csg for 1 hour and SICP built to 900#. Attempt to bleed off csg.but started to flow water. Pump 5 bbl.of brine water csg.built to 1000#. SIFN. On AM of 11/20/07 SICP=3100#. Attempting to bleed off csg.</p> <p>LLTR: 80</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44';16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07 TIGHT HOLE - On 11/20/07 SICP=3100# and SIAP=100#. Bled off csg.to 1000# and started flowing back water. Bullhead 50 bbl. of 10# brine down csg.to a max.psi of 3300#; SI csg.for 90 minutes and attempt to bleed off csg.and bled down from 2300# to 2000# and started to flow back water. MIRU Cutters WL and ran a PBTD with tag at 13114'. Squeeze perfs.at 13110' and comp.BP at 13140'. RDMO Cutters WL. On AM of 11/21/07 SICP=2900#. On 11/21/07 will attempt to bleed off csg..</p> <p>LLTR: 130</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44';16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08'</p>
11/21/2007	06:00 - 16:00	10.00	PTST	2	<p>TIGHT HOLE - On 11/20/07 SICP=3100# and SIAP=100#. Bled off csg.to 1000# and started flowing back water. Bullhead 50 bbl. of 10# brine down csg.to a max.psi of 3300#; SI csg.for 90 minutes and attempt to bleed off csg.and bled down from 2300# to 2000# and started to flow back water. MIRU Cutters WL and ran a PBTD with tag at 13114'. Squeeze perfs.at 13110' and comp.BP at 13140'. RDMO Cutters WL. On AM of 11/21/07 SICP=2900#. On 11/21/07 will attempt to bleed off csg..</p> <p>LLTR: 130</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44';16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08'</p>

Questar E & P
Operations Summary Report

Page 21 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/21/2007	06:00 - 16:00	10.00	PTST	2	<p>16994'-96'; 17026-27' ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/26/2007	06:00 - 16:00	10.00	PTST	2	<p>TIGHT HOLE - On 11/21/07 SICP = 2900#. Open csg on a 12/64" choke to bleed down pressure. Flowed the csg for 3 hours on a 12/64" choke and flowed back gas for 2-3/4 hours and started to flow back water and gas. SI the well @ 11:00 AM on 11/21/07 and well will remain SI until AM of 11/26/07.</p> <p>LLTR: 130 bbls</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39'; 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27' ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>

Printed: 12/3/2007 10:27:20 AM

Questar E & P
Operations Summary Report

Page 22 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/27/2007	06:00 - 16:00	10.00	LOG	4	<p>TIGHT HOLE - On AM of 11/26/07 SICP = 5300# & SIAP = 560#. Bleed off csg down to 1800# on a 16/64" choke after 2-1/2 hours & recovering gas and started to get water back. MIRU Cutters WL and RIH with CBP to 11422' & attempt to set plug and had one small kick on CCL meter and did not appear to stroke properly and did not shear off of plug. Could not go down but pulled up slowly to 11118' (plug depth) with plug hanging up on every csg collar and could not go further. Attempt to pull out of rope socket and could not with a SICP = 4200#. Turn well over to production department overnight to attempt to lower csg psi via gas sales.</p> <p>24 Hour Forecast: Will attempt to free plug or tool.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/28/2007	06:00 - 16:00	10.00	LOG	4	<p>TIGHT HOLE - On 11/27/07 Csg is selling via gas sales with FCP = 850# at a rate of 980 MCFD. Open to pit and bled down csg while attempting to pull out of rope socket or release stuck CBP by surging. No success. Bled off csg to 140# and pump 30 bbls of 10# brine and filled gas filled csg. Csg on a very slight vacuum. Drop Kenley Wireline Cutter and pumped an additional 43 bbls of brine and once again filled hole. Cut off wireline and POOH with line with no Kenley Tool attached leaving an est 1000' of line in the hole along with all setting tool assembly. Well had pressured up to 550# in 1 hour of sitting while trying to bleed off gas only. RIH with gauge ring and tag @ 9935'. POOH w/ wireline gauge & RDMO Cutters WL.</p> <p>24 Hour Forecast: Will attempt to kill well and RIH with fishing string on tbg. Turn well over to production units at 3:30 PM to sell overnight.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p>

Questar E & P
Operations Summary Report

Page 23 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/28/2007	06:00 - 16:00	10.00	LOG	4	<p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C' 14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/29/2007	06:00 - 16:00	10.00	FISH	5	<p>TIGHT HOLE - On 11/28/07 FCP = 540# at a rate of 960 MCFD via gas sales. SIAP = 650#. Open csg to pit and bled down to 140#. Pump 60 bbls of 10# brine down csg. Make up fishing tools and RIH with a 3-5/8" OS; 1-5/8" grapple; string float; bumper sub; jars; drain sub and tbg to 9802'. Circ hole with 125 bbls of 10# brine. Hole stayed dead for 1 hour when RIH. Continue in the hole and tag @ 9992'. Set down with 8M# and pull over by 3000#. Pump 10 bbls of brine water to check for increase in circulating pressure and had an additional 200#. Presume there is something in the grapple. Pull tbg to 4995' & SIFN. Load well with 18 bbls of brine water.</p> <p>24 Hour Forecast: Will attempt to POOH and review fish.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p>

Questar E & P
Operations Summary Report

Page 24 of 25

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/29/2007	06:00 - 16:00	10.00	FISH	5	14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS "C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07
11/30/2007	06:00 - 16:00	10.00	FISH	5	TIGHT HOLE - On 11/29/07 SICIP = 2000# & SITP = 1500#. Bled off tbg & csg with just gas. Fill hole with 12 bbls of 10# brine. Finish POOH with OS & grapple & tbg. Had no fish but indicated what appeared to be the Kinley Cutter had been up in the OS but not in the grapple. RIH with wireline spear and related fishing equipment to 8000' & land tbg w/ 30 bbls of brine water. Finish RIH & work over wireline from tag @ 10009' to 10097'. Pulling 3-4M# over string weight. Start POOH with a 1000# drag & POOH to 4000'. Load well with 8 bbls of brine and SIFN. 24 Hour Forecast: Will finish POOH & Observe fish recovery. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39'; 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27' ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS "C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07
12/3/2007	06:00 - 16:00	10.00	WCL	1	TIGHT HOLE - On 11/30/07 SICIP = 2000# & SITP = 1150#. Bled off tbg. Open csg to pit to bleed down and bled off to 0# in 30 minutes. Load csg with 14 bbls of 10# brine. Well dead. Pull 1 std of tbg to 3888' and csg started to flow. Circ hole w/ 65 bbls of 10# brine & csg would not die. Attempt to bleed off csg several times and csg flowing out brine water and gas on a 10/64" choke at 2700#. SI csg for 90

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Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/3/2007	06:00 - 16:00	10.00	WCL	1	<p>minutes and rose to 3350#. Attempt to bleed off gas head and circ an additional 50 bbls of brine with csg flowing on a 10/64" choke with 3050# FCP & not dying off. Install pump joint below pipe rams and open the well to gas sales via csg. On 12/1/07 well was selling gas with a CFCP of 670# at a rate of 990 MCFD. On 12/2/07 well was selling gas with a FCP of 485# and a rate of 775 MCFP and flowed back 103 bbls of water in the last 24 hours. On AM of FCP = 430# at a rate of 850 MCFD.</p> <p>24 Hour Forecast: Will attempt to blow well down and kill well to POOH with tbg & spear.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>

CONFIDENTIAL
 43-047-38990
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Page 1 of 27

Operations Summary Report

Well Name: GB 1M-4-8-22R (Rigskid)
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/28/2007	06:00 - 16:00	10.00	LOC	4	<p>On 6/27/07 - Initial Completion Report. 7:00 AM Conduct safety meeting. MIRU IPS Flow Back Equipment. Spectrum fluid ser Zeco pit & shaker. 2:00 PM - MIRU Bronco Flow Cross BOP HCR Master Valve. IPS CTU Fluid pump. MU Lubricator. NU WH. Chain down & secure well.</p> <p>24 Hour Forecast: Starting in hole to drill out cement.</p>
6/29/2007	06:00 - 16:00	10.00	BOP	1	<p>On 6/28/07 - 7:00 AM Conduct safety meeting. Unchain ND lubricator from WH. MU Baker BHA. CTC pull test 25K. MU 2-7/8" jars. MU CT disc circ sub. MU MTR 3 tooth drag bit. Surface test MTR, circ sub opened replaced circ sub. Retest it opened. Replaced got good surface test. NU on WH test - all lines & WH equipment to 8000 psi BO Open well. 10:00 AM - Start in hole pumping 5 BPM to 2 BPM tag cement @ 10861' fell through CIH to 11015'. Fell through CIH to 11378'. Started drilling hard cement at 11401'. 2:00 PM had gas bubble and approx 15 bbl mud - stop drilling CWC - got up rubber plug debris. CIH to 11491'. 5:00 PM MTR quit POOH had stater rubber in mill port. Secure well SDFN @ 7:00 PM. Total footage drilled 630'.</p> <p>24 Hour Forecast: Drill out cement.</p>
6/30/2007	06:00 - 16:00	10.00	DRL	4	<p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 6/29/07 @ 6:00 AM Conduct safety Meeting. MU Baker BHA 2-7/8 MTR 3-5/8" 3 tooth drag bit. NU on WH test lines & WH equipment to 8K BO. 7:00 AM Open well. TIH tag @ 11500'. Start drilling cement. 9:30AM - 11,600'. 11:30 AM - 11,860'. PU of BTM, SI csg psi to 3500 psi, surged back CIH drilling to 12651'. SI csg psi up to 3500 surge back no fill. See pumping 2 BPM, pump 15 bbls gel sweeps CWC. POOH secure well. 7:00 PM - SDFN.</p> <p>TOTAL FOOTAGE DRILLED TODAY = 1151' - TOTAL 1781'.</p> <p>24 Hour Forecast: Drill out cement.</p>
7/1/2007	06:00 - 16:00	10.00	DRL	4	<p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 6/29/07 @ 6:00 AM Conduct safety Meeting. MU Baker BHA 2-7/8 MTR 3-5/8" 3 tooth drag bit. NU on WH test lines & WH equipment to 8K BO. 7:00 AM Open well. TIH tag @ 12652'. CIH Drilling cement 2-4 FPM to 13280'. 1:30 PM - Top Bowen Union started leaking. PU of BTM moved crane around would not stop PSI up to 800, would not stop. Close pipe rams. Pumped 15 bbls gel sweep. CWC open rams, POOH, SI well. ND Lubricate. ND Baker BHA. RD lubricator, change all o-rings. RU lubricator. MU Baker BHA as same. 6:00 PM - SDFN.</p> <p>TOTAL FOOTAGE DRILLED TODAY = 628' - TOTAL 2409'</p> <p>24 Hour Forecast: Drill out cement.</p>

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Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/1/2007	06:00 - 16:00	10.00	DRL	4	Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'
7/2/2007	06:00 - 16:00	10.00	DRL	4	On 7/1/07, @ 6:00 AM Conduct Safety Meeting. BO 3 tooth drag mill. MU Baker 3.701 Carbide Hurricane mill. Surface test MTR, NU on WH test lines and WH equipment to 8K BO Open Well. TIH Tag @ 13288'. CIH drilling cement @ .5 to 1 FPM. 2:00 PM - Plugged choke w/ very course cut cement. Stop drilling pump. 15 BBL gel sweep. Clean well. SI csg psi up to 3500. Surge back, CIH drilling to 13860'. PU pump 15 BBL Sweep CWC. POOH. SI well. ND Lubricator BO 3.701 Hurricane mill. BO MTR. MU MTR. MU 3 tooth drag bit. NU on WH. Secure well. SDFN @ 7:00 PM. TOTAL FOOTAGE DRILLED TODAY = 572' - TOTAL 2981' 24 Hour Forecast: Drill out cement. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 7/2/07, 6:00 AM Conduct safety meeting. WHP 4-1/2 to 9-5/8 5000 surface. Test MTR w/ 3-5/8 3 tooth drag mill test lines & WH equipment to 8K BO. Open well - TIH pumping .5 to 2 BPM. Tag @ 13838'. CIH drilling to 14838'. PU SI csg psi up 3500 surge back. CIH drilling to 15001'. Pump 15 bbl gel sweep. CWC POOH secure well clean and jet shaker pit full of cement. Replace 300 bbl of gel system w/ fresh 2% & re-gel up. SDFN @ 9:00 PM. Will run full drift 3.701 3 tooth drag mill in AM TOTAL FOOTAGE DRILLED TODAY = 1163' - TOTAL 4140' 24 Hour Forecast: Drill out cement. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 7/3/07, 6:00 AM Conduct safety meeting. WHP 4-1/2 0 9-5/8" 5000. Surface test MTR w/ 3.701 3 tooth drag mill, test lines & WH equipment to 8K - BO Open well. TIH pumping .5 to 2 BPM. Tag @ 14984'. CIH drilling to 15590'. PU 300'. Clean well up. CIH drilling picking up 50' for every 100' drilled. Pumping gel sweeps every 50'. Drilled CIH to 16300'. Pump 15 bbl gel sweep CWC. POOH. Secure well. ND lube BO mill & MTR. MU new MTR. MU same mill 3.701. NU WH. SDFN @ 8:00 PM. TOTAL FOOTAGE DRILLED TODAY = 1316' - TOTAL = 5439' 24 Hour Forecast: Drill out cement. Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 7/4/07 - 6:00 AM Conduct safety meeting. WHP 4-1/2 0 5200, Surface test MTR w/ 3.701 3 tooth drag mill. Test line & WH equipment to 8K BO. Open well. PSI up csg 3500 surge back. TIH pumping .5 to 2 BPM. Tag @ 16315'. CIH drilling ROP 2-4 picking up 50' for every 100' drilled. Pumping gel sweeps every 50'. Drilled CIH to 17058'. Tag & stall. PU 50' RIH to 17058'. Tag & stall. PU off BTM pump 20 bbls 80 VIS Sweep. PU to 16000'. SI csg PSI to 3500 psi. Surge back. RIH circ 2 BTM up w/ 3 - 20 bbl 80 VIS Sweeps. To surface displace gel water w/ 191 bbl 2%
7/3/2007	06:00 - 16:00	10.00	DRL	4	
7/4/2007	06:00 - 16:00	10.00	DRL	4	
7/5/2007	06:00 - 16:00	10.00	DRL	4	

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/5/2007	06:00 - 16:00	10.00	DRL	4	<p>KCL. POOH. RDMO IPS CTU & Pumps 17058 + 22' KB 17080'. Clean & jet spectrum tank.</p> <p>TOTAL FOOTAGE DRILLED TODAY = 743' - TOTAL = 6197'</p> <p>Relieved by Mike Hagen (580)254-4394.</p> <p>24 Hour Forecast: Run cased hole logs.</p> <p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p>
7/7/2007	06:00 - 16:00	10.00	LOG	2	<p>On 7/6/07, @ 12:30 PM MIRU Schlumberger EWL, Crane. NU 4-1/16" x 15K Crossover Flange on top of production tree. Open up master valves on tree to check pressure on csg 0#. Make up 3.623" DTI Cased Hole Logging Tools and start in hole @ 5:00 PM. Engineer was going in hole too fast abd hit fluid @ 381' and jumped line off shelfe. Shut down to fix line and continue in hole with logging tools and set down @ 16,095'. Work log tools up/down to try and get through spot. Could not get through spot w/ repeated attempts. Called Mr. Stahl to inform him where we set down at. POOH w/ logging tools and RDMO Schlumberger Logging Truck, Crane. Secure well for the night and shut down.</p> <p>24 Hour Forecast: MIRU IPS Coil Tbg Unit and RIH down to 16,095' and clean out to bottom.</p> <p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p>
7/8/2007	06:00 - 16:00	10.00	TRP	9	<p>On 7/7/07, MIRU IPS Coil Tubing Unit & pull test CC to 25K and pressure test to 2500#. Function test motor to @ 2.0 bbls 2800#. NU to production tree and RIH with 2.88" x 2.375" Coil Connector, 2.88" x 2.375" Dual Back Pressure Valve, 2.88" x 2.375" Bowen Coil Tubing Jars, 2.88" x 2.375" Hydraulic Disconnect, 2.88" x 2.375" Dual Circulation Valve, 2.88" x 2.375" VIP NaviDrill Motor, X-Over Sub 2-3/8" Reg x 2-3/8" PAC (BXP). RIH w/ coil tbg & hit a small bobble @ 16,093' only about 2K difference pushed right through and RIH down to 17,063' & pick up 5' off bottom & pump 10 bbls FR Pill. Circulate bottoms up & POOH with C/T & shut production tree in. RD C/T Unit. SDFWE.</p> <p>24 Hour Forecast: Leave C/T on standby for Monday if Bond Log won't go through.</p> <p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p>
7/10/2007	06:00 - 16:00	10.00	LOG	4	<p>On 7/9/07, MIRU Cutters EWL and NU 4-1/16" x 15K x 10 K crossover spool. RIH w/ 3.625" GR/JB down to 17,065' (EWL Measurement) & POOH w/ same. Had few pieces of cement in JB on surface. RIH w/ CCL/2.375" CBL tool down to PBTD & start pulling bond log holding 2000# pressure @ 14,000' CBL quit working. POOH & fixed bond tools. RIH back down to 14,000' where tool quit working and start logging again. Pull CBL up to 5000' per Mr. Stahl's instructions. Shut down logging & POOH w/ CBL tools & secure well. RDMO EWL, Hot Oiler.</p> <p>TOC @ 12,610' 20-30% bond down to 13,200'. Excellent cement from 13,200' down to 17,065' 95-100% bond.</p> <p>24 Hour Forecast: MIRU PLS EWL to run Temp & Noise Survey.</p> <p>Csg Size: 4-1/2" 15.1#</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/10/2007 7/11/2007	06:00 - 16:00 06:00 - 16:00	10.00 10.00	LOG LOG	4 4	<p>Csg Depth: 17,083'</p> <p>On 7/10/07 MIRU PLS EWL Truck, Mast. NU 4-1/16" x 15K x 5K flange on top of production tree. RIH w/ CCL, 1-3/4" Temp & Noise Tool down to 15,000'. Pull back up to 12,000' and open up surface valve through Parchmans flow manifold to tank 20/64" choke 6000# pressure. BHT @ 12,000' was 219°F with well flowing to tank. Pressure had dropped down to 4500# 219°F. Slickline operator was adjusting trailer mounted mast and crimped line and shorted out tools. Shut surface valve in and POOH w/ tools. Secure well for the night.</p> <p>24 Hour Forecast: MIRU PLS EWL to rerun Temp & Noise Survey. No cost for wireline services today.</p>
7/12/2007	06:00 - 16:00	10.00	LOG	4	<p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p> <p>On 7/11/07, MIRU PLS EWL, Mast, check surface pressure 4500#. Open up surface through Parchman's manifold to tank 20/64" choke. RIH w/ CCL, 1-3/8" Temp & Noise Tool down to 5000' and record temp -122°F for 25 minutes. RIH down to 15,000' to start base log. Pull back up to 9100' and log back down and @ approx. 9500' log was showing gas entry. Continue down hole down to 10,000' and stop. Pull through spot @ 9500' with the same results. Pull up to 5000' and turn on noise log and continue down hole stopping every 100' to record noise. Stop @ top of 7" liner and record noise level (No change). Continue down hole to 9100' stopping in 50' intervals. Stop @ 9400' and noise level and temp were changing. Continue down to 9475' and stop and record temp/noise level. Called Mr. Stahl to inform him that gas entry according to noise log was @ 9475'. RIH down to 12,620' below 7" liner and record noise levels. No gas entry was showing up on temp/noise log. POOH w/ tools and shut surface valve in and secure well.</p> <p>24 Hour Forecast: Clean up log & send to Denver.</p>
7/15/2007	06:00 - 16:00	10.00	LOG	2	<p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p> <p>On 7/14/07, MIRU Schlumberger EWL Services, Crane. RIH w/ 3.56" GR/JB down to PBTD @ 17,085'. Start POOH w/ CCL, GR, JB and @ 16,550' JB was pulling tight with approx 1200# of tension over. Called Mr. Stahl to inform him of tight spot. Schlumberger will stay above tight spot and pull Sonic Image Tool from 16,500' - 12,600' and Gamma Ray/Neutron log from 12,600' up to 5,000'. POOH w/ tools and secure well RDMO Schlumberger.</p> <p>6:00 AM on 7/15/07 - Operator was pulling 200' repeat pass and will RDMO this AM. JB had thin pieces of cement in it on surface.</p> <p>24 Hour Forecast: Process and send logs to Denver for evaluation.</p>
8/8/2007	06:00 - 16:00	10.00	PERF	2	<p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p> <p>Report dated 7/4/07 by Rob Odom TIGHT HOLE.</p> <p>Continuation of completion report. The prod.csg.was drilled out with coil tbg.to a PBTD of 17063'. The well was logged with Cutters WL on 7/9/07 with a CBL/VDL/GR log. The well was logged with Schlumberger on 7/14/07 with a Dipole Sonic/GR/Porosity log. All csg.and valves were pressure tested to 11500# with Quick Test. On 8/6/07 SI intermediate pressure was 6400#. Bled off with Parchman to a small blow on AM of 8/7/07. On 8/8/07 MRU OWP and perforated the following zones as follows using a 2-1/2" csg.gun at 2 JPF and 120" phasing per</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/8/2007	06:00 - 16:00	10.00	PERF	2	<p>the CBL log dated 7/9/07: Frontier: 16328-29'; 16362-63'; 16443-44'; 16466-69'; 16482-83'; 16538-39'; 16664-65'; 16715-17' & 16723-24'; Dakota Silt: 16798-99'; 16858-59'; 16907-08'; Dakota: 16994-96'; 17026-27' (32 holes). No pressure after perforating. SIFN.</p> <p>On 7/8/07 frac as follows below:</p> <p>ZONE #1 (16328-17027' - FRON./DAK.SILT/DAKOTA): Frac this interval using a 12# linear gel as follows: Breakdown with 1000 gal.of 15% HCL and 50-7/8" Bio-balls followed by a 20000 gal.pad and stage 0.5 to 2 ppg 30/50 mesh Econoprop in 43000 gal.of fluid and flush with 10595 gal.of slick water. Pad contained 5000# of 100 mesh sand. Total of 50400# of sand and a total load of 2005 bbl..Max.rate=44; Ave=20 BPM; Max.psi=11483#; Ave=9495#; Lubricate in a 4-1/2" comp.frac plug and set at 16273'. Perforate per the CBL log dated 7/9/07 the following intervals using a 2-1/2" csg gun at 3 JPF and 120" phasing: Mancos D: 15815-17'; 15819-21'; 15892-94'; Froniter: 15919-21'; 15963-65'; 15985-87'; 16158-60' & 16200-02'; (48 holes).</p> <p>ZONE#2: (15815-16202' -MANCOS D//FRONTIER): Frac this interval using a slick water system as follows: Pump 400 gal.of 15% HCL followed by a 16000 gal.pad and stage 0.25 to 1.25 ppg 30/50 mesh Econoprop sand in 24500 gal.of fluid and had 2-10000 gal.spacers between sand stages. Flush with 15800 gal.of slick water. Total of 14200# sand. Total load of 1450 bbl..Max=41.4; Ave=35.8; Max.psi=11242#; Ave=10588#; ISIP=7839# (.93). Lubricate in a comp.frac plug and set at 15709'; Perforate per the above gun and log at 3 JPF the following Mancos D intervals: 15046-50'; 15094-96'; 15213-15'; 15245-47'; 15309-11'; 15472-74'; 15588-90'; 15652-54' (48 holes).</p> <p>ZONE#3: (15048-15654'--MANCOS D): Frac this interval using a 10# linear gel 2% KCL water system as follows: Pump 400 gal. of 15% HCL followed by a 15000 gal.pad and stage 0.5 to 2 ppg 30/50 mesh Econoprop sand in 33000 gal.of fluid and flush with 7170 gal..Screened out in flush leaving est.5000# of sand in csg..Total of 33300# of sand in formation and a total load of 1150 bbl..Max.rate=36' Ave=23.3 PBM; Max.psi=11691#; Ave=10242#; SIFN. Max.psi on intermediate csg.was 50# during the job after bleeding off overnight.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Load from yesterday: 250 Plus water today: 4600 LLTR: 4850</p> <p>Perfs:</p> <p>ZONE#1: FRON./DAK./SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE#2: FRON./MANCOS D 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE#3: MANCOS D 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ON AM of 8/8/08 SI psi on intermediate is 750#-bled off On 8/8/07 - Perforate the following Mancos 'C' intervals using a 2-1/2" csg gun at</p>
8/9/2007	06:00 - 16:00	10.00	PERF	2	

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/9/2007	06:00 - 16:00	10.00	PERF	2	<p>120* phasing per the CBL log dated 7/9/07 @ 3 JPF: 14555 -57'; 14617- 19'; 14648-50'; 14758-60'; 14895-97' & 14908-10' (48 holes).</p> <p>Zone #4: (14555' - 14910' - Mancos "C"): Frac this interval down csg using a 2% KCL slickwater system as follows: Pump 400 gals of 15% HCL acid followed by a 16000 gal pad and stage 0.25 to 1.25 ppg 30/50 Econoprop in 50000 gals of fluid and had 3-10,000 gal spacers in between the sand stages and flush with 9531 gals of slick water. Total of 44600# of sand and a total load of 2585 bbl. Max rate = 45.9 BPM; avg rate = 39.2 BPM; Max psi = 11420#; avg psi = 10375#; ISIP = 6886# (.91). Lubricate in a 4-1/2" comp frac plug and set at 14430'. Perforate the following Mancos "C" intervals per the above gun and log: 14258-62'; 14296-14302' & 14392-94' (36 holes)</p> <p>Zone #5 (14258' - 14393' - Mancos "C"): Frac this interval using a 2% KCL 10# linear gel water system as follows: Pump 1400 gals of 15% HCL acid followed by a 15000 gal pad abd stage 0.5 to 1.5 ppg 30/50 mesh Econoprop in 27800 gals of fluid and went to flush due to possible screen-out. Flushed successfully with 9366 gals of slick water. Total of 26630# of sand and a total load of 1270 bbls. Max rate = 45.6 BPM; avg rate = 39.6 BPM; max psi = 11395#; avg psi = 10280#; ISIP = 6964# (.93). Lubricate in a comp frac plug and set at 14170'. Perforate per the above gun & log the following Mancos "C" intervals: 13823-25'; 13876-78'; 13947-49'; 14049-51'; 14101-03'; 14110-12' & 14154-56' (42 holes).</p> <p>Zone #6 (13823' - 14156' - Mancos "C"): Frac this interval using a 2% KCL slickwater system as follows: Pump 1400 gals of 15% HCL followed by a 22000 gal pad and stage 0.25 to 1.25 ppg 30/50 mesh Econoprop sand in 52500 gals of fluid with 3-8500 gal spacers in between sand stages and flush with 9100 gals of slick water. Total of 45000# of sand and a total load of 2625 bbl. Max rate = 46.4 BPM; avg rate = 45.6 BPM; max psi = 10580#; avg psi = 8774#; ISIP = 6821# (.93). Lubricate in a comp frac plug and set at 13720'. Perforated the following intervals per the above gun & log: Mancos "B": 13383-85'; 13442-44'; 13503-05'; 13516-18'; 13554-56'; Mancos "C" = 13892-94'; (36 holes).NOTE: MANCOS 'B' ZONES 13274-76' & 13311-13' DID NOT GET PERFORATED DUE TO MISRUN.</p> <p>Zone #7 (13383' - 13694' - Mancos "B" & "C"): Frac this interval with a 10# linear 2% KCL water system as follows: Pump 1400 gals of 15% HCL acid followed by a 19000 gal pad and stage 0.5 to 2 ppg 30/50 mesh Econoprop in 31500 gals of fluid and flush with 7865 gals of slick water. Total of 40800# of sand and a total load of 1420 bbls. Max rate = 38.8 BPM; avg rate = 30.7 BPM; max psi = 11263#; avg psi = 9542#; ISIP = 6516# (0.92). SI the well and RDMO service companies. Open the well at 10:00 PM after a 2-1/2 hour SI period. SICP = 6650#. At 5:30 AM on 8/9/07 SICP = 8750# on a 12/64" choke with lite sand and a rate of 103 BPH of water with no gas and a total recovery in the last 7-1/2 hours of 735 bbls. Will MIRU IPS Coil Unit this AM and clean out well.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>LLTR: 11995 Gals</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44';16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D'</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/9/2007	06:00 - 16:00	10.00	PERF	2	<p>15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D'</p> <p>15048-50; 15094-96'; 15213-15'; 15245-47'</p> <p>15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p> <p>14908-10'; 14895-97'; 14794-96'; 14758-60'</p> <p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS "C"</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C"</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C"</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p>
10/24/2007	06:00 - 16:00	10.00	PERF	2	<p>RESUMPTION OF COMPLETION. THESE NEW COMPLETION COSTS TO BE ADDED TO PREVIOUS COMPLETION COSTS:</p> <p>On 10/23/07 MIRU Rocky Mtn. WS to resume completion of well. MI related equipment. On 10/24/07 will RIH with gauge ring and if OK with set a comp BP. perforate squeeze holes and set a WL set cement retainer.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT</p> <p>16328-29'; 16382-83'; 16443-44'; 16468-69'</p> <p>16482-83'; 16538-39' 16664-65'; 16715-17'</p> <p>16723-24'; 16798-99'; 16858-59'; 16907-08'</p> <p>16994'-96'; 17026-27'</p> <p>ZONE #2: FRONTIER/MANCOS 'D'</p> <p>15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D'</p> <p>15048-50; 15094-96'; 15213-15'; 15245-47'</p> <p>15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p> <p>14908-10'; 14895-97'; 14794-96'; 14758-60'</p> <p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS "C"</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C"</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C"</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p>
10/25/2007	06:00 - 16:00	10.00	PERF	2	<p>TIGHT HOLE - On 10/24/07 SICP = 640#, SIAP = 280#. MIRU Cutters WL and ran</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/25/2007	06:00 - 16:00	10.00	PERF	2	<p>a 3.625" gauge ring to 13280' - OK. Set a CBP @ 13260'. Fill csg with 140 bbls of 2% KCL water and test csg and plug to 4000# - held OK. Bled csg down to 1000#. Perforate squeeze holes from 13150' - 13152' (8 holes) at 4 JPF and 90° phasing using a 3-1/8" csg gun. Open 4-1/2" x 9-5/8" annulus to the pit before perforating and lost 600# on the 4-1/2" csg after perforating with no change in the gas blow from the annulus. POOH with gun. Attempt to break down csg squeeze holes with returns up the 4-1/2" x 9-5/8" annulus several times at 4000# max and would not break down after surging back each time. Left 1000# SICP on the well overnight and SIFN. On AM of 10/25/07 SICP = 1800# & SIAP = 50#.</p> <p>24 Hour Forecast: Will run a bond log.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27' ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p>
10/26/2007	06:00 - 16:00	10.00	LOG	4	<p>TIGHT HOLE - On 10/25/07 SICP = 1800# & SIAP = 50#. Bled off csg. RU Cutters WL to run a CBL/VDL/GR log. RIH to 13150' & having too much gas interference to obtain valid data. POOH with logging tools. WL set a CBP @ 13140' & test plug to 4000# after filling the hole with 14 bbls of water. Re-run log from 13140' to 9950' and starting to have too much gas interference at 9950'. Lay down logging tools and SIFN. Will allow gas to migrate up the hole in order to obtain good bond log data. On AM of 10/26/07 SICP = 1100# & SIAP = 80#.</p> <p>24 Hour Forecast: Will continue to run log.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/26/2007	06:00 - 16:00	10.00	LOG	4	<p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p>
10/29/2007	06:00 - 16:00	10.00	LOG	2	<p>TIGHT HOLE -On 10/26/07 SICP = 1100# and SIAP = 80#. Bled down csg to 0# in 5 minutes. RU Cutters WL and continue to run a CBL/VDL/GR log from 10700' to 4800' with no pressure on well. RDMO Cutters WL and SIFWE.</p> <p>24 Hour Forecast: Will NDWH & NU BOP's and start to pick up tbq.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C"</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/29/2007	06:00 - 16:00	10.00	LOG	2	13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'
10/30/2007	06:00 - 16:00	10.00	BOP	1	TIGHT HOLE - On 10/29/07, SICP = 0# & SIAP = 450#. ND 15K frac valve and NU 4-1/16" x 15K BOP stack with 1 set of blind rams and 2 sets of pipe rams. SIFN. 24 Hour Forecast: Will start to pick up tbq. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'
10/31/2007	06:00 - 16:00	10.00	BOP	1	TIGHT HOLE -RESUMPTION OF COMPLETION. THESE NEW COMPLETION COSTS TO BE ADDED TO PREVIOUS COMPLETION COSTS: On 10/30/07 SICP=0#. Tally and rabbit in the hole with new 2-3/8" EUE 8rd 4.7# P-110 tbq.to 11300'. SIFN. On 10/31/07 will continue to pick up tbq.and will circ.hole with 2% KCL water and start to POOH with tbq.. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D'

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/31/2007	06:00 - 16:00	10.00	BOP	1	<p>15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS 'C' 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p>
11/1/2007	06:00 - 16:00	10.00	TRP	5	<p>TIGHT HOLE - On 10/31/07 SICP = & SITP = 0#. SIAP = 820#. Continue to tally and rabbit in the hole with new 2-3/8" tbg and tag CBP @ 13140'. Circ hole with 2% KCL water. POOH w/ tbg. SIFN.</p> <p>24 Hour Forecast: Will perforate squeeze holes.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39'; 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27' ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p>
11/2/2007	06:00 - 16:00	10.00	PERF	2	<p>TIGHT HOLE - On 11/1/07 SICP = 0#. MIRU Cutters WL and perforate proposed circ/squeeze holes at the following depths using a 3-1/8" csg gun and "Prospector" charges at 2 shots each with 180° phasing: 13150' & 11550'. Had placed 2000# on</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/2/2007	06:00 - 16:00	10.00	PERF	2	<p>the csg prior to perforating and had no pressure drop. RDMO Cutters WL. Attempt to pump into csg at 4000# with no break. Open csg to the pit and started to flow. Flowed back est 170 bbls of water and turned to gas and flowed the well to the pit for 2 hours on a 18/64" choke with a stabilized FCP = 1200# and a very slight mist of water. SIFN. On AM of 11/2/07 SICP = 5300#.</p> <p>24 Hour Forecast: Will attempt to test well on 11/2/07.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS "C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/5/2007	06:00 - 16:00	10.00	OTH		<p>TIGHT HOLE - On 11/2/07 SICP = 5300# and SIAP = 80#. Open csg on a 18/64" choke to the pit for 1/2 hour with FCP = 2900# and SI the well due to heavy gas vapors staying on the ground and also to turn to gas sales with no fluid recovery. Turn well to gas sales at 9:30 AM on 11/2/07 with the following readings: 9:30 AM = 16/64"; 3100#; 3.4 MMCFP; 11:00 AM: 16/64"; 1800#; 842 MCFD; 2:00 PM: 16/64"; 1.06 MCFD. Left well producing overnight.</p> <p>On 11/3/07: 16/64"; 1800#; 842 MCFD; 2:00 PM: 16/64"; 1150#; 1.06 MCFD. Left well producing overnight.</p> <p>On 11/3/07 having problems with choke plugging off with sediment. Attempted several choke settings and chokes would immediately plug up. SI the well.</p> <p>On 11/4/07 - SICP = 5900#. Open the csg on a 26/64" choke and choke immediately plugged up. SIFN.</p> <p>On 11/5/07 will work with rig crew and check out variables.</p> <p>24 Hour Forecast: Will work with rig crew & check out variables.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/5/2007	06:00 - 16:00	10.00	OTH		<p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C" 14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/6/2007	06:00 - 16:00	10.00	OTH		<p>TIGHT HOLE - On 11/5/07 SICP = 6000#. Open csg to the pit on a 14/64" choke for 2 hours with a final FCP = 2700# and dry gas. Turn the well to gas sales for 1-1/2 hours with a final FCP = 3140# on a 16/64" choke and a final rate of 3.8 MMCFD. Had trouble with separator and SI the well. The well will remain SI on 11/6/07 pending installation of additional equipment.</p> <p>Debris in chokes appears to be cement.</p> <p>24 Hour Forecast: The well will remain SI pending installation of additional equipment.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60'</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/6/2007	06:00 - 16:00	10.00	OTH		<p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C'</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C'</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS 'B' & 'C'</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/7/2007	06:00 - 16:00	10.00	PTST	2	<p>TIGHT HOLE - Well was SI on 11/6/07 while surface equipment was installed and sytems cleaned out.</p> <p>24 Hour Forecast: Will attempt to flow test the well.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125</p> <p>Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT</p> <p>16328-29'; 16382-83'; 16443-44'; 16468-69'</p> <p>16482-83'; 16538-39'; 16664-65'; 16715-17'</p> <p>16723-24'; 16798-99'; 16858-59'; 16907-08'</p> <p>16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D'</p> <p>15815-17'; 15819-21'; 15892-94'; 15919-21';</p> <p>15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D'</p> <p>15048-50'; 15094-96'; 15213-15'; 15245-47'</p> <p>15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p> <p>14908-10'; 14895-97'; 14794-96'; 14758-60'</p> <p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C'</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C'</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS 'B' & 'C'</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/8/2007	06:00 - 16:00	10.00	PTST	5	<p>TIGHT HOLE - On 11/7/07 - SICP = 5800# & SIAP = 680#. Construction still working on surface equipment. Bled off AP to 5# and has a very minimal gas blow. Open csg to production system at 4:45 PM. Released rig crew for the day. On AM of 11/8/07 well is SI at the wellhead due to debris flowing into system. Evaluating options.</p> <p>24 Hour Forecast: Evaluating Options.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125</p> <p>Casing depth: 17083' FC@ 17080'</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/8/2007	06:00 - 16:00	10.00	PTST	5	<p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/9/2007	06:00 - 16:00	10.00	WOT	4	<p>TIGHT HOLE - On 11/8/07 - Rig is on standby pending installation of Parchman equipment on 11/12/07.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/9/2007	06:00 - 16:00	10.00	WOT	4	<p>Squeeze holes @ 13150' & 11550' on 11/1/07</p> <p>TIGHT HOLE - On 11/8/07 - Rig is on standby pending installation of Parchman equipment on 11/12/07.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125</p> <p>Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/12/2007	06:00 - 16:00	10.00	WOT	4	
11/13/2007	06:00 - 16:00	10.00	PTST	2	
					<p>TIGHT HOLE - On 11/13/07 SICP = 5900#. Moved in Parchman flow-back equipment over the weekend. Tied Parchman into csg valves and attempt to bleed down csg but chokes and line freezing up immediately even while injecting methanol. Si the well for the night.</p> <p>24 Hour Forecast: Will install line heating equipment and attempt to produce the well.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125</p> <p>Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47'</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/13/2007	06:00 - 16:00	10.00	PTST	2	<p>15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p> <p>14908-10'; 14895-97'; 14794-96'; 14758-60'</p> <p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C'</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C'</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS 'B' & 'C'</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p> <p>TIGHT HOLE - On 11/13/07 SICP = 5900# & SIAP = 1020#. Install additional Parchman flowback equipment. Open the csg to Parchman flow back system at 11:30 AM on 11/13/07 on a 8/64" choke with a rate of 1.6 MMCFD and 5400#. At 2:00 PM FCP = 4550# on a 8/64" choke and 1.4 MMCFD rate. At 6:00 PM FCP = 3600# on a 12/64" choke at a rate of 2.3 to 2.8 MMCFD and starting to have problems with choke plugging and severe hydrates. SI the well at 7:00 PM due to line freezing. At 6:30 AM on 11/14/07 SICP = 5400#.</p> <p>24 Hour Forecast: Will attempt to thaw out unit and try to produce the well again.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125</p> <p>Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT</p> <p>16328-29'; 16382-83'; 16443-44'; 16468-69'</p> <p>16482-83'; 16538-39' 16664-65'; 16715-17'</p> <p>16723-24'; 16798-99'; 16858-59'; 16907-08'</p> <p>16994'-96'; 17026-27'</p> <p>ZONE #2: FRONTIER/MANCOS 'D'</p> <p>15815-17'; 15819-21'; 15892-94'; 15919-21';</p> <p>15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D'</p> <p>15048-50'; 15094-96'; 15213-15'; 15245-47'</p> <p>15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p> <p>14908-10'; 14895-97'; 14794-96'; 14758-60'</p> <p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C'</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C'</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS 'B' & 'C'</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/14/2007	06:00 - 16:00	10.00	PTST	2	<p>TIGHT HOLE - At 6:00 AM on 11/14/07 SICP = 5400#. Open the csg at 10:45 AM thru Parchman flow back equipment and then via our production units to sell gas. At 2:00 PM the well was producing on a 16/64" choke at a rate of 2.7 MMCFP with</p>
11/15/2007	06:00 - 16:00	10.00	PTST	2	

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/15/2007	06:00 - 16:00	10.00	PTST	2	<p>14 bbls of water per hour and FCP = 2500#. Continue to flow well overnight on various chokes and at 6:00 AM on 11/15/07 FCP = 1100# on a 18/64" choke at a rate of 1.1 MMCFD and 2-4 BPH of water with a recovery since AM of 11/14/07 of 113 bbls. System appears to be working fine.</p> <p>24 Hour Forecast: Will continue to flow test the well.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/16/2007	06:00 - 16:00	10.00	PTST	2	<p>TIGHT HOLE - At 6:00AM on 11/15/07 FCP=1100# on a 18/64" choke at a rate of 1.1 MMCFD and 2-4 bbl per hour. Continue to flow test thru Parchman and into gas sales for the next 24 hours. At 6:00AM on 11/16/07 FCP=1000# on a 18/64" choke at a rate of 1 MMCFD and 4 bbl.per hour of water. Have recovered 97 bbl.of water in the last 24 hours. This AM will RDMO Parchman and continue to flow the well via gas sales over the weekend.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21';</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/16/2007	06:00 - 16:00	10.00	PTST	2	<p>15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/19/2007	06:00 - 16:00	10.00	PTST	2	<p>TIGHT HOLE - At 6:00 AM on 11/16/07 FCP=1000# on a 18/64" choke at a rate of 1 MMCFD and 4 bbl.per hour of water. Continue to flow test after rigging down and moving out Parchman. Continue to flow the well during the day and at 2:00PM On 11/16/07 FCP=835# on a 18/64" choke at a rate of 800 MCFD and 2-4 bbl.per hour of water. Continue to produce the well via gas sales over the weekend with no troubles and at 7:00AM on 11/19/07 FCP=670# at a rate of 670 MCFD with no rate on fluid and a SIAP=1400#.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/20/2007	06:00 - 16:00	10.00	PTST	2	<p>TIGHT HOLE - At 7:00 AM on 11/19/07 FCP=870# at a rate of 670 MCFD.</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/20/2007	06:00 - 16:00	10.00	PTST	2	<p>SIAP=1400#. SI csg.and bullhead 50 bbl.of 10# brine and 30 bbl.of 2% KCL water down csg..Csg.started to pressure up to 200#. Bled off AP of 1400# to 10#. SI csg for 1 hour and SICP built to 900#. Attempt to bleed off csg.but started to flow water. Pump 5 bbl.of brine water csg.built to 1000#. SIFN. On AM of 11/20/07 SICP=3100#. Attempting to bleed off csg.</p> <p>LLTR: 80</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44';16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS "C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/21/2007	06:00 - 16:00	10.00	PTST	2	<p>TIGHT HOLE - On 11/20/07 SICP=3100# and SIAP=100#. Bled off csg.to 1000# and started flowing back water. Bullhead 50 bbl. of 10# brine down csg.to a max.psi of 3300#. SI csg.for 90 minutes and attempt to bleed off csg.and bled down from 2300# to 2000# and started to flow back water. MIRU Cutters WL and ran a PBTD with tag at 13114'. Squeeze perfs.at 13110' and comp.BP at 13140'. RDMO Cutters WL. On AM of 11/21/07 SICP=2900#. On 11/21/07 will attempt to bleed off csg..</p> <p>LLTR: 130</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44';16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08'</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/21/2007	06:00 - 16:00	10.00	PTST	2	<p>16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4 MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/26/2007	06:00 - 16:00	10.00	PTST	2	<p>TIGHT HOLE - On 11/21/07 SICP = 2900#. Open csg on a 12/64" choke to bleed down pressure. Flowed the csg for 3 hours on a 12/64" choke and flowed back gas for 2-3/4 hours and started to flow back water and gas. SI the well @ 11:00 AM on 11/21/07 and well will remain SI until AM of 11/26/07.</p> <p>LLTR: 130 bbls</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/27/2007	06:00 - 16:00	10.00	LOG	4	<p>TIGHT HOLE - On AM of 11/26/07 SICP = 5300# & SIAP = 560#. Bleed off csg down to 1800# on a 16/64" choke after 2-1/2 hours & recovering gas and started to get water back. MIRU Cutters WL and RIH with CBP to 11422' & attempt to set plug and had one small kick on CCL meter and did not appear to stroke properly and did not shear off of plug. Could not go down but pulled up slowly to 11118' (plug depth) with plug hanging up on every csg collar and could not go further. Attempt to pull out of rope socket and could not with a SICP = 4200#. Turn well over to production department overnight to attempt to lower csg psi via gas sales.</p> <p>24 Hour Forecast: Will attempt to free plug or tool.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/28/2007	06:00 - 16:00	10.00	LOG	4	<p>TIGHT HOLE - On 11/27/07 Csg is selling via gas sales with FCP = 850# at a rate of 980 MCFD. Open to pit and bled down csg while attempting to pull out of rope socket or release stuck CBP by surging. No success. Bled off csg to 140# and pump 30 bbls of 10# brine and filled gas filled csg. Csg on a very slight vacuum. Drop Kenley Wireline Cutter and pumped an additional 43 bbls of brine and once again filled hole. Cut off wireline and POOH with line with no Kenley Tool attached leaving an est 1000' of line in the hole along with all setting tool assembly. Well had pressured up to 550# in 1 hour of sitting while trying to bleed off gas only. RIH with gauge ring and tag @ 9935'. POOH w/ wireline gauge & RDMO Cutters WL.</p> <p>24 Hour Forecast: Will attempt to kill well and RIH with fishing string on tbq. Turn well over to production units at 3:30 PM to sell overnight.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/28/2007	06:00 - 16:00	10.00	LOG	4	<p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/29/2007	06:00 - 16:00	10.00	FISH	5	<p>TIGHT HOLE - On 11/28/07 FCP = 540# at a rate of 960 MCFD via gas sales. SIAP = 650#. Open csg to pit and bled down to 140#. Pump 60 bbls of 10# brine down csg. Make up fishing tools and RIH with a 3-5/8" OS; 1-5/8" grapple; string float; bumper sub; jars; drain sub and tbg to 9802'. Circ hole with 125 bbls of 10# brine. Hole stayed dead for 1 hour when RIH. Continue in the hole and tag @ 9992'. Set down with 8M# and pull over by 3000#. Pump 10 bbls of brine water to check for increase in circulating pressure and had an additional 200#. Presume there is something in the grapple. Pull tbg to 4995' & SIFN. Load well with 18 bbls of brine water.</p> <p>24 Hour Forecast: Will attempt to POOH and review fish.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/29/2007	06:00 - 16:00	10.00	FISH	5	<p>14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS "C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/30/2007	06:00 - 16:00	10.00	FISH	5	<p>TIGHT HOLE - On 11/29/07 SICP = 2000# & SITP = 1500#. Bled off tbq & csg with just gas. Fill hole with 12 bbls of 10# brine. Finish POOH with OS & grapple & tbq. Had no fish but indicated what appeared to be the Kinley Cutter had been up in the OS but not in the grapple. RIH with wireline spear and related fishing equipment to 8000' & land tbq w/ 30 bbls of brine water. Finish RIH & work over wireline from tag @ 10009' to 10097'. Pulling 3-4M# over string weight. Start POOH with a 1000# drag & POOH to 4000'. Load well with 8 bbls of brine and SIFN.</p> <p>24 Hour Forecast: Will finish POOH & observe fish recovery.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS "C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
12/3/2007	06:00 - 16:00	10.00	WCL	1	<p>TIGHT HOLE - On 11/30/07 SICP = 2000# & SITP = 1150#. Bled off tbq. Open csg to pit to bleed down and bled off to 0# in 30 minutes. Load csg with 14 bbls of 10# brine. Well dead. Pull 1 std of tbq to 3888' and csg started to flow. Circ hole w/ 65 bbls of 10# brine & csg would not die. Attempt to bleed off csg several times and csg flowing out brine water and gas on a 10/64" choke at 2700#. SI csg for 90</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/3/2007	06:00 - 16:00	10.00	WCL	1	<p>minutes and rose to 3350#. Attempt to bleed off gas head and circ an additional 50 bbls of brine with csg flowing on a 10/64" choke with 3050# FCP & not dying off. Install pump joint below pipe rams and open the well to gas sales via csg. On 12/1/07 well was selling gas with a CFCP of 670# at a rate of 990 MCFD. On 12/2/07 well was selling gas with a FCP of 485# and a rate of 775 MCFD and flowed back 103 bbls of water in the last 24 hours. On AM of FCP = 430# at a rate of 850 MCFD.</p> <p>24 Hour Forecast: Will attempt to blow well down and kill well to POOH with tbq & spear.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39'; 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994-96'; 17026-27' ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
12/4/2007	06:00 - 16:00	10.00	FISH	5	<p>TIGHT HOLE - On AM of 12/3/07 FCP = 430# at a rate of 850 MCFD via gas sales. Open csg to pit and bled down to 175#. Pump 110 bbls of 10# brine down the tbq and loaded hole. POOH w/ fishing tools and recovered 200' of wireline but no Kenley Cutter. Kept hole full while tripping with brine water. RIH w/ same fishing tool string to 9944'. Csg started to flow when spear was at 3500' and have a final FCP = 650# on a 28/64" choke to the pit. Previous fish top was tagged @ 9992'. Stayed above fish for night due to time of day. SIFN. On AM of 12/4/07 SICP = 3900#.</p> <p>24 Hour Forecast: Will attempt to kill well & fish with spear.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/4/2007	06:00 - 16:00	10.00	FISH	5	<p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p>
12/5/2007	06:00 - 16:00	10.00	FISH	5	<p>TIGHT HOLE - On AM of 12/4/07 SICP = 3900# & SITP = 2000#. Bled off tbq & csg to 1000# and unloading brine water and gas. Pump 135 bbls of 10# brine down the tbq to circulate while holding 175# on csg with a choke. SI 1 hour to observe PSI build and built to 650#. Attempt to bleed off gas and started unloading brine and gas on a 10/64" choke with pressure climbing to 1700# and continuing to build.</p> <p>A decision has been made to delay any more fishing and to place the well on production. SIFN. On AM of 12/5/07 SICP = 4000#.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C'</p>

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/5/2007	06:00 - 16:00	10.00	FISH	5	14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07
12/6/2007	06:00 - 16:00	10.00	BOP	1	TIGHT HOLE - On AM of 12/5/07 SICP = 4000#. Bled csg down to 2000# and circ 110 bbls of brine down the tbq to control the well. POOH and lay down tbq to 6816'. RIH w/ 48 stands of tbq from the derrick and land tbq tail @ 9953' (spear). 'F' Nipple (1.81") at 9836'. Land tbq in hanger. ND BOP's and NU WH. SIFN. On 12/6/07 will RDMO Rocky Mtn Well Service & turn well over to the production department. Report discontinued until further activity. Fish remains in the hole consisting of est 800' of electric line, Kenley Cutter & sinker bars & setting tool. Well will be produced up the csg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07 Tbg Detail: Wireline spear: bit sub; drain sub; string float; bumper sub; jars; x-over sub; 8' pup; 1 jt of tbq; 1.81" "F" Nipple and 303 jts of tbq to surface. All tbq is 2-3/8" EUE 8rd 4.7# P-110. Tbg tail @ 9953'; "F" Nipple @ 9886'. Top of wireline fish est at 9992'.

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DIV. OF OIL, GAS & MINING Page 1 of 37

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007 Spud Date: 1/24/2007
 Rig Release: End:
 Rig Number: 3 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/28/2007	06:00 - 16:00	10.00	LOC	4		<p>On 6/27/07 - Initial Completion Report. 7:00 AM Conduct safety meeting. MIRU IPS Flow Back Equipment. Spectrum fluid ser Zeco pit & shaker. 2:00 PM - MIRU Bronco Flow Cross BOP HCR Master Valve. IPS CTU Fluid pump. MU Lubricator. NU WH. Chain down & secure well.</p> <p>24 Hour Forecast: Starting in hole to drill out cement.</p>
6/29/2007	06:00 - 16:00	10.00	BOP	1		<p>On 6/28/07 - 7:00 AM Conduct safety meeting. Unchain ND lubricator from WH. MU Baker BHA. CTC pull test 25K. MU 2-7/8" jars. MU CT disc circ sub. MU MTR 3 tooth drag bit. Surface test MTR, circ sub opened replaced circ sub. Retest it opened. Replaced got good surface test. NU on WH test - all lines & WH equipment to 8000 psi BO Open well.</p> <p>10:00 AM - Start in hole pumping 5 BPM to 2 BPM tag cement @ 10861' fell through CIH to 11015'. Fell through CIH to 11378'. Started drilling hard cement at 11401'.</p> <p>2:00 PM had gas bubble and approx 15 bbl mud - stop drilling CWC - got up rubber plug debris. CIH to 11491'.</p> <p>5:00 PM MTR quit POOH had stater rubber in mill port. Secure well SDFN @ 7:00 PM. Total footage drilled 630'.</p> <p>24 Hour Forecast: Drill out cement.</p>
6/30/2007	06:00 - 16:00	10.00	DRL	4		<p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 6/29/07 @ 6:00 AM Conduct safety Meeting. MU Baker BHA 2-7/8 MTR 3-5/8" 3 tooth drag bit. NU on WH test lines & WH equipment to 8K BO.</p> <p>7:00 AM Open well. TIH tag @ 11500'. Start drilling cement. 9:30AM - 11,600'. 11:30 AM - 11,860'. PU of BTM, SI csg psi to 3500 psi, surged back CIH drilling to 12651'. SI csg psi up to 3500 surge back no fill. See pumping 2 BPM, pump 15 bbls gel sweeps CWC. POOH secure well. 7:00 PM - SDFN.</p> <p>TOTAL FOOTAGE DRILLED TODAY = 1151' - TOTAL 1781'.</p> <p>24 Hour Forecast: Drill out cement.</p>
7/1/2007	06:00 - 16:00	10.00	DRL	4		<p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083' On 6/29/07 @ 6:00 AM Conduct safety Meeting. MU Baker BHA 2-7/8 MTR 3-5/8" 3 tooth drag bit. NU on WH test lines & WH equipment to 8K BO.</p> <p>7:00 AM Open well. TIH tag @ 12652'. CIH Drilling cement 2-4 FPM to 13280'. 1:30 PM - Top Bowen Union started leaking. PU of BTM moved crane around would not stop PSI up to 800, would not stop. Close pipe rams. Pumped 15 bbls gel sweep. CWC open rams, POOH, SI well. ND Lubricate. ND Baker BHA. RD lubricator, change all o-rings. RU lubricator. MU Baker BHA as same. 6:00 PM - SDFN.</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/1/2007	06:00 - 16:00	10.00	DRL	4		<p>TOTAL FOOTAGE DRILLED TODAY = 628' - TOTAL 2409'</p> <p>24 Hour Forecast: Drill out cement.</p> <p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'</p>
7/2/2007	06:00 - 16:00	10.00	DRL	4		<p>On 7/1/07, @ 6:00 AM Conduct Safety Meeting. BO 3 tooth drag mill. MU Baker 3.701 Carbide Hurricane mill. Surface test MTR, NU on WH test lines and WH equipment to 8K BO Open Well. TIH Tag @ 13288'. CIH drilling cement @ .5 to 1 FPM.</p> <p>2:00 PM - Plugged choke w/ very course cut cement. Stop drilling pump. 15 BBL gel sweep. Clean well. SI csg psi up to 3500. Surge back, CIH drilling to 13860'. PU pump 15 BBL Sweep CWC. POOH. SI well. ND Lubricator BO 3.701 Hurricane mill. BO MTR. MU MTR. MU 3 tooth drag bit. NU on WH. Secure well. SDFN @ 7:00 PM.</p> <p>TOTAL FOOTAGE DRILLED TODAY = 572' - TOTAL 2981'</p> <p>24 Hour Forecast: Drill out cement.</p> <p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'</p>
7/3/2007	06:00 - 16:00	10.00	DRL	4		<p>On 7/2/07, 6:00 AM Conduct safety meeting. WHP 4-1/2 to 9-5/8 5000 surface. Test MTR w/ 3-5/8 3 tooth drag mill test lines & WH equipment to 8K BO. Open well - TIH pumping .5 to 2 BPM. Tag @ 13838'. CIH drilling to 14838'. PU SI csg psi up 3500 surge back. CIH drilling to 15001'. Pump 15 bbl gel sweep. CWC POOH secure well clean and jet shaker pit full of cement. Replace 300 bbl of gel system w/ fresh 2% & re-gel up. SDFN @ 9:00 PM. Will run full drift 3.701 3 tooth drag mill in AM</p> <p>TOTAL FOOTAGE DRILLED TODAY = 1163' - TOTAL 4140'</p> <p>24 Hour Forecast: Drill out cement.</p> <p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'</p>
7/4/2007	06:00 - 16:00	10.00	DRL	4		<p>On 7/3/07, 6:00 AM Conduct safety meeting. WHP 4-1/2 0 9-5/8" 5000. Surface test MTR w/ 3.701 3 tooth drag mill, test lines & WH equipment to 8K - BO Open well. TIH pumping .5 to 2 BPM. Tag @ 14984'. CIH drilling to 15590'. PU 300'. Clean well up. CIH drilling picking up 50' for every 100' drilled. Pumping gel sweeps every 50'. Drilled CIH to 16300'. Pump 15 bbl gel sweep CWC. POOH. Secure well. ND lube BO mill & MTR. MU new MTR. MU same mill 3.701. NU WH. SDFN @ 8:00 PM.</p> <p>TOTAL FOOTAGE DRILLED TODAY = 1316' - TOTAL = 5439'</p> <p>24 Hour Forecast: Drill out cement.</p> <p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
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 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/5/2007	06:00 - 16:00	10.00	DRL	4		<p>On 7/4/07 - 6:00 AM Conduct safety meeting. WHP 4-1/2 0 5200, Surface test MTR w/ 3.701 3 tooth drag mill. Test line & WH equipment to 8K BO. Open well. PSI up csg 3500 surge back. TIH pumping .5 to 2 BPM. Tag @ 16315'. CIH drilling ROP 2-4 picking up 50' for every 100' drilled. Pumping gel sweeps every 50'. Drilled CIH to 17058'. Tag & stall. PU 50' RIH to 17058'. Tag & stall. PU off BTM pump 20 bbls 80 VIS Sweep. PU to 16000'. SI csg PSI to 3500 psi. Surge back. RIH circ 2 BTM up w/ 3 - 20 bbl 80 VIS Sweeps. To surface displace gel water w/ 191 bbl 2% KCL. POOH. RDMO IPS CTU & Pumps 17058 + 22' KB 17080'. Clean & jet spectrum tank.</p> <p>TOTAL FOOTAGE DRILLED TODAY = 743' - TOTAL = 6197' Relieved by Mike Hagen (580)254-4394.</p> <p>24 Hour Forecast: Run cased hole logs.</p> <p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'</p>
7/7/2007	06:00 - 16:00	10.00	LOG	2		<p>On 7/6/07, @ 12:30 PM MIRU Schlumberger EWL, Crane. NU 4-1/16" x 15K Crossover Flange on top of production tree. Open up master valves on tree to check pressure on csg 0#. Make up 3.623" DTI Cased Hole Logging Tools and start in hole @ 5:00 PM. Engineer was going in hole too fast abd hit fluid @ 381' and jumped line off shelve. Shut down to fix line and continue in hole with logging tools and set down @ 16,095'. Work log tools up/down to try and get through spot. Could not get through spot w/ repeated attempts. Called Mr. Stahl to inform him where we set down at. POOH w/ logging tools and RDMO Schlumberger Logging Truck, Crane. Secure well for the night and shut down.</p> <p>24 Hour Forecast: MIRU IPS Coil Tbg Unit and RIH down to 16,095' and clean out to bottom.</p> <p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'</p>
7/8/2007	06:00 - 16:00	10.00	TRP	9		<p>On 7/7/07, MIRU IPS Coil Tubing Unit & pull test CC to 25K and pressure test to 2500#. Function test motor to @ 2.0 bbls 2800#. NU to production tree and RIH with 2.88" x 2.375" Coil Connector, 2.88" x 2.375" Dual Back Pressure Valve, 2.88" x 2.375" Bowen Coil Tubing Jars, 2.88" x 2.375" Hydraulic Disconnect, 2.88" x 2.375" Dual Circulation Valve, 2.88" x 2.375" VIP NaviDrill Motor, X-Over Sub 2-3/8" Reg x 2-3/8" PAC (BXP). RIH w/ coil tbg & hit a small bobble @ 16,093' only about 2K difference pushed right through and RIH down to 17,063' & pick up 5' off bottom & pump 10 bbls FR Pill. Circulate bottoms up & POOH with C/T & shut production tree in. RD C/T Unit. SDFWE.</p> <p>24 Hour Forecast: Leave C/T on standby for Monday if Bond Log won't go through.</p> <p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'</p>
7/10/2007	06:00 - 16:00	10.00	LOG	4		<p>On 7/9/07, MIRU Cutters EWL and NU 4-1/16" x 15K x 10 K crossover spool. RIH w/ 3.625" GR/JB down to 17,065' (EWL Measurement) &</p>

Operations Summary Report

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 Event Name: COMPLETION
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 Rig Name: ROCKY MTN WS

Start: 6/28/2007 Spud Date: 1/24/2007
 Rig Release: End:
 Rig Number: 3 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/10/2007	06:00 - 16:00	10.00	LOG	4		<p>POOH w/ same. Had few pieces of cement in JB on surface. RIH w/ CCL/2.375" CBL tool down to PBDT & start pulling bond log holding 2000# pressure @ 14,000' CBL quit working. POOH & fixed bond tools. RIH back down to 14,000' where tool quit working and start logging again. Pull CBL up to 5000' per Mr. Stahl's instructions. Shut down logging & POOH w/ CBL tools & secure well. RDMO EWL, Hot Oiler.</p> <p>TOC @ 12,610' 20-30% bond down to 13,200'. Excellent cement from 13,200' down to 17,065' 95-100% bond.</p> <p>24 Hour Forecast: MIRU PLS EWL to run Temp & Noise Survey.</p> <p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'</p>
7/11/2007	06:00 - 16:00	10.00	LOG	4		<p>On 7/10/07 MIRU PLS EWL Truck, Mast. NU 4-1/16" x 15K x 5K flange on top of production tree. RIH w/ CCL, 1-3/4" Temp & Noise Tool down to 15,000'. Pull back up to 12,000' and open up surface valve through Parchmans flow manifold to tank 20/64" choke 6000# pressure. BHT @ 12,000' was 219°F with well flowing to tank. Pressure had dropped down to 4500# 219°F. Slickline operator was adjusting trailer mounted mast and crimped line and shorted out tools. Shut surface valve in and POOH w/ tools. Secure well for the night.</p> <p>24 Hour Forecast: MIRU PLS EWL to rerun Temp & Noise Survey. No cost for wireline services today.</p> <p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'</p>
7/12/2007	06:00 - 16:00	10.00	LOG	4		<p>On 7/11/07, MIRU PLS EWL, Mast, check surface pressure 4500#.</p> <p>Open up surface through Parchman's manifold to tank 20/64" choke. RIH w/ CCL, 1-3/8" Temp & Noise Tool down to 5000' and record temp -122°F for 25 minutes. RIH down to 15,000' to start base log. Pull back up to 9100' and log back down and @ approx. 9500' log was showing gas entry. Continue down hole down to 10,000' and stop. Pull through spot @ 9500' with the same results. Pull up to 5000' and turn on noise log and continue down hole stopping every 100' to record noise. Stop @ top of 7" liner and record noise level (No change). Continue down hole to 9100' stopping in 50' intervals. Stop @ 9400' and noise level and temp were changing. Continue down to 9475' and stop and record temp/noise level. Called Mr. Stahl to inform him that gas entry according to noise log was @ 9475'. RIH down to 12,620' below 7" liner and record noise levels. No gas entry was showing up on temp/noise log. POOH w/ tools and shut surface valve in and secure well.</p> <p>24 Hour Forecast: Clean up log & send to Denver.</p> <p>Csg Size: 4-1/2" 15.1# Csg Depth: 17,083'</p>
7/15/2007	06:00 - 16:00	10.00	LOG	2		<p>On 7/14/07, MIRU Schlumberger EWL Services, Crane. RIH w/ 3.56" GR/JB down to PBDT @ 17,085'. Start POOH w/ CCL, GR, JB and @ 16,550' JB was pulling tight with approx 1200# of tension over. Called Mr. Stahl to inform him of tight spot. Schlumberger will stay above tight spot and pull Sonic Image Tool from 16,500' - 12,600' and Gamma</p>

Operations Summary Report

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Start: 6/28/2007
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/15/2007	06:00 - 16:00	10.00	LOG	2		<p>Ray/Neutron log from 12,600' up to 5,000'. POOH w/ tools and secure well RDMO Schlumberger.</p> <p>6:00 AM on 7/15/07 - Operator was pulling 200' repeat pass and will RDMO this AM.</p> <p>JB had thin peices of cement in it on surface.</p> <p>24 Hour Forecast: Process and send logs to Denver for evaluation.</p> <p>Csg Size: 4-1/2" 15.1#</p> <p>Csg Depth: 17,083'</p>
8/8/2007	06:00 - 16:00	10.00	PERF	2	C-PERF	<p>Report dated 7/4/07 by Rob Odom TIGHT HOLE.</p> <p>Continuation of completion report. The prod.csg.was drilled out with coil tbg.to a PBTD of 17063'. The well was logged with Cutters WL on 7/9/07 with a CBL/DL/GR log. The well was logged with Schlumberger on 7/14/07 with a Dipole Sonic/GR/Porosity log. All csg.and valves were pressure tested to 11500# with Quick Test. On 8/6/07 SI intermediate pressure was 6400#. Bled off with Parchman to a small blow on AM of 8/7/07. On 8/8/07 MRU OWP and perforated the following zones as follows using a 2-1/2" csg.gun at 2 JPF and 120* phasing per the CBL log dated 7/9/07: Frontier: 16328-29'; 16362-63'; 16443-44'; 16466-69'; 16482-83'; 16538-39'; 16664-65'; 16715-17' & 16723-24'; Dakota Silt: 16798-99'; 16858-59'; 16907-08'; Dakota: 16994-96'; 17026-27' (32 holes). No pressure after perforating. SIFN.</p> <p>On 7/8/07 frac as follows below:</p> <p>ZONE #1 (16328-17027' - FRON./DAK.SILT/DAKOTA): Frac this interval using a 12# linear gel as follows: Breakdown with 1000 gal.of 15% HCL and 50-7/8" Bio-balls followed by a 20000 gal.pad and stage 0.5 to 2 ppg 30/50 mesh Econoprop in 43000 gal.of fluid and flush with 10595 gal.of slick water. Pad contained 5000# of 100 mesh sand. Total of 50400# of sand and a total load of 2005 bbl..Max.rate=44; Ave=20 BPM; Max.psi=11483#; Ave=9495#; Lubricate in a 4-1/2" comp.frac plug and set at 16273'. Perforate per the CBL log dated 7/9/07 the following intervals using a 2-1/2" csg.gun at 3 JPF and 120* phasing: Mancos D: 15815-17'; 15819-21'; 15892-94'; Froniter: 15919-21'; 15963-65'; 15985-87'; 16158-60' & 16200-02'; (48 holes).</p> <p>ZONE#2: (15815-16202' -MANCOS D//FRONTIER): Frac this interval using a slick water system as follows: Pump 400 gal.of 15% HCL followed by a 16000 gal.pad and stage 0.25 to 1.25 ppg 30/50 mesh Econoprop sand in 24500 gal.of fluid and had 2-10000 gal.spacers between sand stages. Flush with 15800 gal.of slick water. Total of 14200# sand. Total load of 1450 bbl..Max=41.4; Ave=35.8; Max.psi=11242#; Ave=10588#; ISIP=7839# (.93). Lubricate in a comp.frac plug and set at 15709'; Perforate per the above gun and log at 3 JPF the following Mancos D intervals: 15046-50'; 15094-96'; 15213-15'; 15245-47'; 15309-11'; 15472-74'; 15588-90'; 15652-54' (48 holes).</p> <p>ZONE#3: (15048-15654'--MANCOS D): Frac this interval using a 10# linear gel 2% KCL water system as follows: Pump 400 gal. of 15% HCL followed by a 15000 gal.pad and stage 0.5 to 2 ppg 30/50 mesh Econoprop sand in 33000 gal.of fluid and flush with 7170 gal..Screened out in flush leaving est.5000# of sand in csg..Total of 33300# of sand in formation and a total load of 1150 bbl..Max.rate=36' Ave=23.3 PBM;</p>

Operations Summary Report

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Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/8/2007	06:00 - 16:00	10.00	PERF	2	C-PERF	<p>Max.psi=11691#; Ave=10242#; SIFN. Max.psi on intermediate csg.was 50# during the job after bleeding off overnight.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Load from yesterday: 250 Plus water today: 4600 LLTR: 4850</p> <p>Perfs: ZONE#1: FRON./DAK./SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE#2: FRON./MANCOS D 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE#3: MANCOS D 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54'</p>
8/9/2007	06:00 - 16:00	10.00	PERF	2	C-PERF	<p>ON AM of 8/8/08 SI psi on intermediate is 750#-bled off On 8/8/07 - Perforate the following Mancos 'C' intervals using a 2-1/2" csg gun at 120" phasing per the CBL log dated 7/9/07 @ 3 JPF: 14555-57'; 14617- 19'; 14648-50'; 14758-60'; 14895-97' & 14908-10' (48 holes). Zone #4: (14555' - 14910' - Mancos "C"): Frac this interval down csg using a 2% KCL slickwater system as follows: Pump 400 gals of 15% HCL acid followed by a 16000 gal pad and stage 0.25 to 1.25 ppg 30/50 Econoprop in 50000 gals of fluid and had 3-10,000 gal spacers in between the sand stages and flush with 9531 gals of slick water. Total of 44600# of sand and a total load of 2585 bbl. Max rate = 45.9 BPM; avg rate = 39.2 BPM; Max psi = 11420#; avg psi = 10375#; ISIP = 6886# (.91). Libricate in a 4-1/2" comp frac plug and set at 14430'. Perforate the following Mancos "C" intervals per the above gun and log: 14258-62'; 14296-14302' & 14392-94' (36 holes). Zone #5 (14258' - 14393' - Mancos "C"): Frac this interval using a 2% KCL 10# linear gel water system as follows: Pump 1400 gals of 15% HCL acid followed by a 15000 gal pad abd stage 0.5 to 1.5 ppg 30/50 mesh Econoprop in 27800 gals of fluid and went to flush due to possible screen-out. Flushed successfully with 9366 gals of slick water. Total of 26630# of sand and a total load of 1270 bbls. Max rate = 45.6 BPM; avg rate = 39.6 BPM; max psi = 11395#; avg psi = 10280#; ISIP = 6964# (.93). Lubricate in a comp frac plug and set at 14170'. Peforate per the above gun & log the following Mancos "C" intervals: 13823-25'; 13876-78'; 13947-49'; 14049-51'; 14101-03'; 14110-12' & 14154-56' (42 holes). Zone #6 (13823' - 14156' - Mancos "C"): Frac this interval using a 2% KCL slickwater system as follows: Pump 1400 gals of 15% HCL followed by a 22000 gal pad and stage 0.25 to 1.25 ppg 30/50 mesh Econoprop sand in 52500 gals of fluid with 3-8500 gal spacers in between sand stages and flush with 9100 gals of slick water. Total of</p>

Operations Summary Report

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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/9/2007	06:00 - 16:00	10.00	PERF	2	C-PERF	<p>45000# of sand and a total load of 2625 bbl. Max rate = 46.4 BPM; avg rate = 45.6 BPM; max psi = 10580#; avg psi = 8774#; ISIP = 6821# (.93). Lubricate in a comp frac plug and set at 13720'. Perforated the following intervals per the above gun & log: Mancos "B": 13383-85'; 13442-44'; 13503-05'; 13516-18'; 13554-56'; Mancos "C" = 13892-94'; (36 holes).NOTE: MANCOS 'B' ZONES 13274-76' & 13311-13' DID NOT GET PERFORATED DUE TO MISRUN.</p> <p>Zone #7 (13383' - 13694' - Mancos "B" & "C"): Frac this interval with a 10# linear 2% KCL water system as follows: Pump 1400 gals of 15% HCL acid followed by a 19000 gal pad and stage 0.5 to 2 ppg 30/50 mesh Econoprop in 31500 gals of fluid and flush with 7865 gals of slick water. Total of 40800# of sand and a total load of 1420 bbls. Max rate = 38.8 BPM; avg rate = 30.7 BPM; max psi = 11263#; avg psi = 9542#; ISIP = 6516# (0.92). SI the well and RDMO service companies. Open the well at 10:00 PM after a 2-1/2 hour SI period. SICP = 6650#. At 5:30 AM on 8/9/07 SICP = 8750# on a 12/64" choke with lite sand and a rate of 103 BPH of water with no gas and a total recovery in the last 7-1/2 hours of 735 bbls. Will MIRU IPS Coil Unit this AM and clean out well.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>LLTR: 11995 Gals</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p>
10/24/2007	06:00 - 16:00	10.00	PERF	2	C-PERF	<p>RESUMPTION OF COMPLETION. THESE NEW COMPLETION COSTS TO BE ADDED TO PREVIOUS COMPLETION COSTS:</p> <p>On 10/23/07 MIRU Rocky Mtn. WS to resume completion of well. MI</p>

Operations Summary Report

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 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/24/2007	06:00 - 16:00	10.00	PERF	2	C-PERF	<p>related equipment. On 10/24/07 will RIH with gauge ring and if OK with set a comp BP. perforate squeeze holes and set a WL set cement retainer.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39'; 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p>
10/25/2007	06:00 - 16:00	10.00	PERF	2	C-PERF	<p>TIGHT HOLE - On 10/24/07 SICP = 640#, SIAP = 280#. MIRU Cutters WL and ran a 3.625" gauge ring to 13280' - OK. Set a CBP @ 13260'. Fill csg with 140 bbls of 2% KCL water and test csg and plug to 4000# - held OK. Bled csg down to 1000#. Perforate squeeze holes from 13150' - 13152' (8 holes) at 4 JPF and 90° phasing using a 3-1/8" csg gun. Open 4-1/2" x 9-5/8" annulus to the pit before perforating and lost 600# on the 4-1/2" csg after perforating with no change in the gas blow from the annulus. POOH with gun. Attempt to break down csg squeeze holes with returns up the 4-1/2" x 9-5/8" annulus several times at 4000# max and would not break down after surging back each time. Left 1000# SICP on the well overnight and SIFN. On AM of 10/25/07 SICP = 1800# & SIAP = 50#.</p> <p>24 Hour Forecast: Will run a bond log.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69'</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3

Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/25/2007	06:00 - 16:00	10.00	PERF	2	C-PERF	<p>16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS 'C' 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS 'B' & 'C' 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p>
10/26/2007	06:00 - 16:00	10.00	LOG	4	C-PERF	<p>TIGHT HOLE - On 10/25/07 SICP = 1800# & SIAP = 50#. Bled off csg. RU Cutters WL to run a CBL/VDL/GR log. RIH to 13150' & having too much gas interference to obtain valid data. POOH with logging tools. WL set a CBP @ 13140' & test plug to 4000# after filling the hole with 14 bbls of water. Re-run log from 13140' to 9950' and starting to have too much gas interference at 9950'. Lay down logging tools and SIFN. Will allow gas to migrate up the hole in order to obtain good bond log data. On AM of 10/26/07 SICP = 1100# & SIAP = 80#.</p> <p>24 Hour Forecast: Will continue to run log.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS 'C' 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C'</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3

Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/26/2007	06:00 - 16:00	10.00	LOG	4	C-PERF	14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'
10/29/2007	06:00 - 16:00	10.00	LOG	2		TIGHT HOLE -On 10/26/07 SICP = 1100# and SIAP = 80#. Bled down csg to 0# in 5 minutes. RU Cutters WL and continue to run a CBL/VDL/GR log from 10700' to 4800' with no pressure on well. RDMO Cutters WL and SIFWE. 24 Hour Forecast: Will NDWH & NU BOP's and start to pick up tbq. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'
10/30/2007	06:00 - 16:00	10.00	BOP	1		TIGHT HOLE - On 10/29/07, SICP = 0# & SIAP = 450#. ND 15K frac valve and NU 4-1/16" x 15K BOP stack with 1 set of blind rams and 2 sets of pipe rams. SIFN. 24 Hour Forecast: Will start to pick up tbq. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17'

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Start: 6/28/2007
 End:
 Rig Release:
 Group:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/30/2007	06:00 - 16:00	10.00	BOP	1		16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'
10/31/2007	06:00 - 16:00	10.00	BOP	1		TIGHT HOLE -RESUMPTION OF COMPLETION. THESE NEW COMPLETION COSTS TO BE ADDED TO PREVIOUS COMPLETION COSTS: On 10/30/07 SICP=0#. Tally and rabbit in the hole with new 2-3/8" EUE 8rd 4.7# P-110 tbg.to 11300'. SIFN. On 10/31/07 will continue to pick up tbg.and will circ.hole with 2% KCL water and start to POOH with tbg.. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44';16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C"

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3

Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/31/2007	06:00 - 16:00	10.00	BOP	1		13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'
11/1/2007	06:00 - 16:00	10.00	TRP	5		<p>TIGHT HOLE - On 10/31/07 SICP = & SITP = 0#. SIAP = 820#. Continue to tally and rabbit in the hole with new 2-3/8" tbg and tag CBP @ 13140'. Circ hole with 2% KCL water. POOH w/ tbg. SIFN.</p> <p>24 Hour Forecast: Will perforate squeeze holes.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39'; 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76'</p>
11/2/2007	06:00 - 16:00	10.00	PERF	2		<p>TIGHT HOLE - On 11/1/07 SICP = 0#. MIRU Cutters WL and perforate proposed circ/squeeze holes at the following depths using a 3-1/8" csg gun and "Prospector" charges at 2 shots each with 180* phasing: 13150' & 11550'. Had placed 2000# on the csg prior to perforating and had no pressure drop. RDMO Cutters WL. Attempt to pump into csg at 4000# with no break. Open csg to the pit and started to flow. Flowed back est 170 bbls of water and turned to gas and flowed the well to the pit for 2 hours on a 18/64" choke with a stabalized FCP = 1200# and a very slight mist of water. SIFN. On AM of 11/2/07 SICP = 5300#.</p> <p>24 Hour Forecast: Will attempt to test well on 11/2/07.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3

Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/2/2007	06:00 - 16:00	10.00	PERF	2		<p>16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07 TIGHT HOLE - On 11/2/07 SICP = 5300# and SIAP = 80#. Open csg on a 18/64" choke to the pit for 1/2 hour with FCP = 2900# amd SI the well due to heavy gas vapors staying on the ground and also to turn to gas sales with no fluid recovery. Turn well to gas sales at 9:30 AM on 11/2/07 with the following readings: 9:30 AM = 16/64"; 3100#; 3.4 MMCFP; 11:00 AM: 16/64"; 1800#; 842 MCFD; 2:00 PM: 16/64"; 1.06 MCFD. Left well producing overnight. On 11/3/07: 16/64"; 1800#; 842 MCFD; 2:00 PM: 16/64"; 1150#; 1.06 MCFD. Left well producing overnight. On 11/3/07 having problems with choke plugging off with sediment. Attempted several choke settings and chokes would immediately plug up. SI the well. On 11/4/07 - SICP = 5900#. Open the csg on a 26/64" choke and choke immediately plugged up. SIFN. On 11/5/07 will work with rig crew and check out variables.</p> <p>24 Hour Forecast: Will work with rig crew & check out variables.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D'</p>
11/5/2007	06:00 - 16:00	10.00	OTH			

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Start: 6/28/2007
 Rig Release:
 Rig Number: 3

End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/5/2007	06:00 - 16:00	10.00	OTH			15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07 TIGHT HOLE - On 11/5/07 SICP = 6000#. Open csg to the pit on a 14/64" choke for 2 hours with a final FCP = 2700# and dry gas. Turn the well to gas sales for 1-1/2 hours with a final FCP = 3140# on a 16/64" choke and a final rate of 3.8 MMCFD. Had trouble with separator and SI the well. The well will remain SI on 11/6/07 pending installation of additional equipment. Debris in chokes appears to be cement. 24 Hour Forecast: The well will remain SI pending installation of additional equipment. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39'; 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07
11/6/2007	06:00 - 16:00	10.00	OTH			

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Start: 6/28/2007
 End:
 Rig Release:
 Group:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/7/2007	06:00 - 16:00	10.00	PTST	2		<p>TIGHT HOLE - Well was SI on 11/6/07 while surface equipment was installed and sytems cleaned out.</p> <p>24 Hour Forecast: Will attempt to flow test the well.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44';16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07 TIGHT HOLE - On 11/7/07 - SICP = 5800# & SIAP = 680#. Construction still working on surface equipment. Bled off AP to 5# and has a very minimal gas blow. Open csg to production system at 4:45 PM. Released rig crew for the day. On AM of 11/8/07 well is SI at the wellhead due to debris flowing into system. Evaluating options.</p> <p>24 Hour Forecast: Evaluating Options.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44';16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D'</p>
11/8/2007	06:00 - 16:00	10.00	PTST	5		<p>TIGHT HOLE - On 11/7/07 - SICP = 5800# & SIAP = 680#. Construction still working on surface equipment. Bled off AP to 5# and has a very minimal gas blow. Open csg to production system at 4:45 PM. Released rig crew for the day. On AM of 11/8/07 well is SI at the wellhead due to debris flowing into system. Evaluating options.</p> <p>24 Hour Forecast: Evaluating Options.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44';16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D'</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Start: 6/28/2007
 End:
 Rig Release:
 Group:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/8/2007	06:00 - 16:00	10.00	PTST	5		15048-50; 15094-96; 15213-15; 15245-47' 15309-11; 15472-74; 15588-90; 15652-54' ZONE #4: MANCOS 'C' 14908-10; 14895-97; 14794-96; 14758-60' 14703-05; 14648-50; 14617-19; 14555-57' ZONE #5: MANCOS 'C' 14392-94; 14296' - 14302; 14258-62' ZONE #6: MANCOS 'C' 14154-56; 14110-12; 14101-03' 14049-51; 13947-49; 13876-78; 13823-25' ZONE #7: MANCOS 'B' & 'C' 13692-94; 13554-56; 13516-18; 13503-05' 13442-44; 13383-85; 13311-13; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07 TIGHT HOLE - On 11/8/07 - Rig is on standby pending installation of Parchman equipment on 11/12/07. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29; 16382-83; 16443-44; 16468-69' 16482-83; 16538-39; 16664-65; 16715-17' 16723-24; 16798-99; 16858-59; 16907-08' 16994-96; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17; 15819-21; 15892-94; 15919-21; 15963-65; 15985-87; 16158-60; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96; 15213-15; 15245-47' 15309-11; 15472-74; 15588-90; 15652-54' ZONE #4: MANCOS 'C' 14908-10; 14895-97; 14794-96; 14758-60' 14703-05; 14648-50; 14617-19; 14555-57' ZONE #5: MANCOS 'C' 14392-94; 14296' - 14302; 14258-62' ZONE #6: MANCOS 'C' 14154-56; 14110-12; 14101-03' 14049-51; 13947-49; 13876-78; 13823-25' ZONE #7: MANCOS 'B' & 'C' 13692-94; 13554-56; 13516-18; 13503-05' 13442-44; 13383-85; 13311-13; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07 TIGHT HOLE - On 11/8/07 - Rig is on standby pending installation of Parchman equipment on 11/12/07. Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29; 16382-83; 16443-44; 16468-69'
11/9/2007	06:00 - 16:00	10.00	WOT	4		
11/12/2007	06:00 - 16:00	10.00	WOT	4		

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/12/2007	06:00 - 16:00	10.00	WOT	4		<p>16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/13/2007	06:00 - 16:00	10.00	PTST	2		<p>TIGHT HOLE - On 11/13/07 SICP = 5900#. Moved in Parchman flow-back equipment over the weekend. Tied Parchman into csg valves and attempt to bleed down csg but chokes and line freezing up immediately even while injecting methanol. SI the well for the night.</p> <p>24 Hour Forecast: Will install line heating equipment and attempt to produce the well.</p> <p>Casing size: 4-1/2" 15.1# P-110 & Q125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C"</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007 Spud Date: 1/24/2007
 Rig Release: End:
 Rig Number: 3 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/13/2007	06:00 - 16:00	10.00	PTST	2		13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07
11/14/2007	06:00 - 16:00	10.00	PTST	2		TIGHT HOLE - On 11/13/07 SICP = 5900# & SIAP = 1020#. Install additional Parchman flowback equipment. Open the csg to Parchman flow back system at 11:30 AM on 11/13/07 on a 8/64" choke with a rate of 1.6 MMCFD and 5400#. At 2:00 PM FCP = 4550# on a 8/64" choke and 1.4 MMCFD rate. At 6:00 PM FCP = 3600# on a 12/64" choke at a rate of 2.3 to 2.8 MMCFD and starting to have problems with choke plugging and severe hydrates. SI the well at 7:00 PM due to line freezing. At 6:30 AM on 11/14/07 SICP = 5400#. 24 Hour Forecast: Will attempt to thaw out unit and try to produce the well again. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07
11/15/2007	06:00 - 16:00	10.00	PTST	2		TIGHT HOLE - At 6:00 AM on 11/14/07 SICP = 5400#. Open the csg at 10:45 AM thru Parchman flow back equipment and then via our production units to sell gas. At 2:00 PM the well was producing on a 16/64" choke at a rate of 2.7 MMCFP with 14 bbls of water per hour and FCP = 2500#. Continue to flow well overnight on various chokes and at 6:00 AM on 11/15/07 FCP = 1100# on a 18/64" choke at a rate of 1.1 MMCFD and 2-4 BPH of water with a recovery since AM of 11/14/07 of 113 bbls. System appears to be working fine. 24 Hour Forecast: Will continue to flow test the well.

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/15/2007	06:00 - 16:00	10.00	PTST	2		<p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07 TIGHT HOLE - At 6:00AM on 11/15/07 FCP=1100# on a 18/64" choke at a rate of 1.1 MMCFD and 2-4 bbl per hour. Continue to flow test thru Parchman and into gas sales for the next 24 hours. At 6:00AM on 11/16/07 FCP=1000# on a 18/64" choke at a rate of 1 MMCFD and 4 bbl.per hour of water. Have recovered 97 bbl.of water in the last 24 hours. This AM will RDMO Parchman and continue to flow the well via gas sales over the weekend.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60'</p>
11/16/2007	06:00 - 16:00	10.00	PTST	2		<p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60'</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Start: 6/28/2007
 End:
 Rig Release:
 Group:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/16/2007	06:00 - 16:00	10.00	PTST	2		14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS 'C' 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS 'B' & 'C' 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07
11/19/2007	06:00 - 16:00	10.00	PTST	2		TIGHT HOLE - At 6:00 AM on 11/16/07 FCP=1000# on a 18/64" choke at a rate of 1 MMCFD and 4 bbl.per hour of water. Continue to flow test after rigging down and moving out Parchman. Continue to flow the well during the day and at 2:00PM On 11/16/07 FCP=835# on a 18/64" choke at a rate of 800 MCFD and 2-4 bbl.per hour of water. Continue to produce the well via gas sales over the weekend with no troubles and at 7:00AM on 11/19/07 FCP=670# at a rate of 670 MCFD with no rate on fluid and a SIAP=1400#. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27' ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS 'C' 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS 'B' & 'C' 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07
11/20/2007	06:00 - 16:00	10.00	PTST	2		TIGHT HOLE - At 7:00 AM on 11/19/07 FCP=870# at a rate of 670 MCFD. SIAP=1400#. SI csg.and bullhead 50 bbl.of 10# brine and 30 bbl.of 2% KCL water down csg..Csg.started to pressure up to 200#. Bled off AP of 1400# to 10#. SI csg for 1 hour and SICP built to 900#. Attempt to bleed off csg.but started to flow water. Pump 5 bbl.of brine water csg.built to 1000#. SIFN. On AM of 11/20/07 SICP=3100#.

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3

Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/20/2007	06:00 - 16:00	10.00	PTST	2		<p>Attempting to bleed off csg.</p> <p>LLTR: 80</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C' 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/21/2007	06:00 - 16:00	10.00	PTST	2		<p>TIGHT HOLE - On 11/20/07 SICP=3100# and SIAP=100#. Bled off csg.to 1000# and started flowing back water. Bullhead 50 bbl. of 10# brine down csg.to a max.psi of 3300#; SI csg.for 90 minutes and attempt to bleed off csg.and bled down from 2300# to 2000# and started to flow back water. MIRU Cutters WL and ran a PBTD with tag at 13114'. Squeeze perfs.at 13110' and comp.BP at 13140'. RDMO Cutters WL. On AM of 11/21/07 SICP=2900#. On 11/21/07 will attempt to bleed off csg..</p> <p>LLTR: 130</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21';</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3

Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/21/2007	06:00 - 16:00	10.00	PTST	2		15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07 TIGHT HOLE - On 11/21/07 SICP = 2900#. Open csg on a 12/64" choke to bleed down pressure. Flowed the csg for 3 hours on a 12/64" choke and flowed back gas for 2-3/4 hours and started to flow back water and gas. SI the well @ 11:00 AM on 11/21/07 and well will remain SI until AM of 11/26/07. LLTR: 130 bbls Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39'; 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07 TIGHT HOLE - On AM of 11/26/07 SICP = 5300# & SIAP = 560#. Bleed off csg down to 1800# on a 16/64" choke after 2-1/2 hours &
11/26/2007	06:00 - 16:00	10.00	PTST	2		
11/27/2007	06:00 - 16:00	10.00	LOG	4		

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/27/2007	06:00 - 16:00	10.00	LOG	4		<p>recovering gas and started to get water back. MIRU Cutters WL and RIH with CBP to 11422' & attempt to set plug and had one small kick on CCL meter and did not appear to stroke properly and did not shear off of plug. Could not go down but pulled up slowly to 11118' (plug depth) with plug hanging up on every csg collar and could not go further. Attempt to pull out of rope socket and could not with a SICIP = 4200#. Turn well over to production department overnight to attempt to lower csg psi via gas sales.</p> <p>24 Hour Forecast: Will attempt to free plug or tool.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/28/2007	06:00 - 16:00	10.00	LOG	4		<p>TIGHT HOLE - On 11/27/07 Csg is selling via gas sales with FCP = 850# at a rate of 980 MCFD. Open to pit and bled down csg while attempting to pull out of rope socket or release stuck CBP by surging. No success. Bled off csg to 140# and pump 30 bbls of 10# brine and filled gas filled csg. Csg on a very slight vacuum. Drop Kenley Wireline Cutter and pumped an additional 43 bbls of brine and once again filled hole. Cut off wireline and POOH with line with no Kenley Tool attached leaving an est 1000' of line in the hole along with all setting tool assembly. Well had pressured up to 550# in 1 hour of sitting while trying to bleed off gas only. RIH with gauge ring and tag @ 9935'. POOH w/ wireline gauge & RDMO Cutters WL.</p> <p>24 Hour Forecast: Will attempt to kill well and RIH with fishing string on tbg. Turn well over to production units at 3:30 PM to sell overnight.</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3

Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/28/2007	06:00 - 16:00	10.00	LOG	4		<p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
11/29/2007	06:00 - 16:00	10.00	FISH	5		<p>TIGHT HOLE - On 11/28/07 FCP = 540# at a rate of 960 MCFD via gas sales. SIAP = 650#. Open csg to pit and bled down to 140#. Pump 60 bbls of 10# brine down csg. Make up fishing tools and RIH with a 3-5/8" OS; 1-5/8" grapple; string float; bumper sub; jars; drain sub and tbg to 9802'. Circ hole with 125 bbls of 10# brine. Hole stayed dead for 1 hour when RIH. Continue in the hole and tag @ 9992'. Set down with 8M# and pull over by 3000#. Pump 10 bbls of brine water to check for increase in circulating pressure and had an additional 200#. Presume there is something in the grapple. Pull tbg to 4995' & SIFN. Load well with 18 bbls of brine water.</p> <p>24 Hour Forecast: Will attempt to POOH and review fish.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D'</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3

Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/29/2007	06:00 - 16:00	10.00	FISH	5		15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07
11/30/2007	06:00 - 16:00	10.00	FISH	5		TIGHT HOLE - On 11/29/07 SICP = 2000# & SITP = 1500#. Bled off tbg & csg with just gas. Fill hole with 12 bbls of 10# brine. Finish POOH with OS & grapple & tbg. Had no fish but indicated what appeared to be the Kinley Cutter had been up in the OS but not in the grapple. RIH with wireline spear and related fishing equipment to 8000' & land tbg w/ 30 bbls of brine water. Finish RIH & work over wireline from tag @ 10009' to 10097'. Pulling 3-4M# over string weight. Start POOH with a 1000# drag & POOH to 4000'. Load well with 8 bbls of brine and SIFN. 24 Hour Forecast: Will finish POOH & Observe fish recovery. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080' Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07
12/3/2007	06:00 - 16:00	10.00	WCL	1		TIGHT HOLE - On 11/30/07 SICP = 2000# & SITP = 1150#. Bled off

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/3/2007	06:00 - 16:00	10.00	WCL	1		<p>tbg. Open csg to pit to bleed down and bled off to 0# in 30 minutes. Load csg with 14 bbls of 10# brine. Well dead. Pull 1 std of tbg to 3888' and csg started to flow. Circ hole w/ 65 bbls of 10# brine & csg would not die. Attempt to bleed off csg several times and csg flowing out brine water and gas on a 10/64" choke at 2700#. SI csg for 90 minutes and rose to 3350#. Attempt to bleed off gas head and circ an additional 50 bbls of brine with csg flowing on a 10/64" choke with 3050# FCP & not dying off. Install pump joint below pipe rams and open the well to gas sales via csg. On 12/1/07 well was selling gas with a CFCP of 670# at a rate of 990 MCFD. On 12/2/07 well was selling gas with a FCP of 485# and a rate of 775 MCFP and flowed back 103 bbls of water in the last 24 hours. On AM of FCP = 430# at a rate of 850 MCFD.</p> <p>24 Hour Forecast: Will attempt to blow well down and kill well to POOH with tbg & spear.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39'; 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50'; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
12/4/2007	06:00 - 16:00	10.00	FISH	5		<p>TIGHT HOLE - On AM of 12/3/07 FCP = 430# at a rate of 850 MCFD via gas sales. Open csg to pit and bled down to 175#. Pump 110 bbls of 10# brine down the tbg and loaded hole. POOH w/ fishing tools and recovered 200' of wireline but no Kenley Cutter. Kept hole full while tripping with brine water. RIH w/ same fishing tool string to 9944'. Csg started to flow when spear was at 3500' and have a final FCP = 650# on a 28/64" choke to the pit. Previous fish top was tagged @ 9992'. Stayed above fish for night due to time of day. SIFN. On AM of 12/4/07 SICP = 3900#.</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3

Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/4/2007	06:00 - 16:00	10.00	FISH	5		<p>24 Hour Forecast: Will attempt to kill well & fish with spear.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47' 15309-11'; 15472-74'; 15588-90'; 15652-54' ZONE #4: MANCOS 'C' 14908-10'; 14895-97'; 14794-96'; 14758-60' 14703-05'; 14648-50'; 14617-19'; 14555-57' ZONE #5: MANCOS "C" 14392-94'; 14296' - 14302'; 14258-62' ZONE #6: MANCOS 'C" 14154-56'; 14110-12'; 14101-03' 14049-51'; 13947-49'; 13876-78'; 13823-25' ZONE #7: MANCOS "B" & "C" 13692-94'; 13554-56'; 13516-18'; 13503-05' 13442-44'; 13383-85'; 13311-13'; 13274-76' Squeeze holes @ 13150' & 11550' on 11/1/07</p>
12/5/2007	06:00 - 16:00	10.00	FISH	5		<p>TIGHT HOLE - On AM of 12/4/07 SICP = 3900# & SITP = 2000#. Bled off tbg & csg to 1000# and unloading brine water and gas. Pump 135 bbls of 10# brine down the tbg to circulate while holding 175# on csg with a choke. SI 1 hour to observe PSI build and built to 650#. Attempt to bleed off gas and started unloading brine and gas on a 10/64" choke with pressure climbing to 1700# and continuing to build.</p> <p>A decision has been made to delay any more fishing and to place the well on production. SIFN. On AM of 12/5/07 SICP = 4000#.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs: ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT 16328-29'; 16382-83'; 16443-44'; 16468-69' 16482-83'; 16538-39' 16664-65'; 16715-17' 16723-24'; 16798-99'; 16858-59'; 16907-08' 16994'-96'; 17026-27'. ZONE #2: FRONTIER/MANCOS 'D' 15815-17'; 15819-21'; 15892-94'; 15919-21'; 15963'-65'; 15985-87'; 16158-60'; 16200-02' ZONE #3: MANCOS 'D' 15048-50; 15094-96'; 15213-15'; 15245-47'</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3

Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/5/2007	06:00 - 16:00	10.00	FISH	5		<p>15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p> <p>14908-10'; 14895-97'; 14794-96'; 14758-60'</p> <p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C'</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C'</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS 'B' & 'C'</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p>
12/6/2007	06:00 - 16:00	10.00	BOP	1		<p>TIGHT HOLE - On AM of 12/5/07 SICP = 4000#. Bled csg down to 2000# and circ 110 bbls of brine down the tbq to control the well. POOH and lay down tbq to 6816'. RIH w/ 48 stands of tbq from the derrick and land tbq tail @ 9953' (spear). 'F' Nipple (1.81") at 9836'. Land tbq in hanger. ND BOP's and NU WH. SIFN.</p> <p>On 12/6/07 will RDMO Rocky Mtn Well Service & turn well over to the production department. Report discontinued until further activity. Fish remains in the hole consisting of est 800' of electric line, Kenley Cutter & sinker bars & setting tool. Well will be produced up the csg.</p> <p>Csg Size: 4-1/2" 15.1# P-110 & Q-125 Casing depth: 17083' FC@ 17080'</p> <p>Perfs:</p> <p>ZONE #1: FRONTIER/DAKOTA/DAKOTA SILT</p> <p>16328-29'; 16382-83'; 16443-44'; 16468-69'</p> <p>16482-83'; 16538-39'; 16664-65'; 16715-17'</p> <p>16723-24'; 16798-99'; 16858-59'; 16907-08'</p> <p>16994'-96'; 17026-27'.</p> <p>ZONE #2: FRONTIER/MANCOS 'D'</p> <p>15815-17'; 15819-21'; 15892-94'; 15919-21';</p> <p>15963'-65'; 15985-87'; 16158-60'; 16200-02'</p> <p>ZONE #3: MANCOS 'D'</p> <p>15048-50'; 15094-96'; 15213-15'; 15245-47'</p> <p>15309-11'; 15472-74'; 15588-90'; 15652-54'</p> <p>ZONE #4: MANCOS 'C'</p> <p>14908-10'; 14895-97'; 14794-96'; 14758-60'</p> <p>14703-05'; 14648-50'; 14617-19'; 14555-57'</p> <p>ZONE #5: MANCOS 'C'</p> <p>14392-94'; 14296' - 14302'; 14258-62'</p> <p>ZONE #6: MANCOS 'C'</p> <p>14154-56'; 14110-12'; 14101-03'</p> <p>14049-51'; 13947-49'; 13876-78'; 13823-25'</p> <p>ZONE #7: MANCOS 'B' & 'C'</p> <p>13692-94'; 13554-56'; 13516-18'; 13503-05'</p> <p>13442-44'; 13383-85'; 13311-13'; 13274-76'</p> <p>Squeeze holes @ 13150' & 11550' on 11/1/07</p> <p>Tbg Detail: Wireline spear: bit sub; drain sub; string float; bumper sub;</p>

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
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 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/6/2007	06:00 - 16:00	10.00	BOP	1		jars; x-over sub; 8' pup; 1 jt of tbg; 1.81" "F" Nipple and 303 jts of tbg to surface. All tbg is 2-3/8" EUE 8rd 4.7# P-110. Tbg tail @ 9953'; "F" Nipple @ 9886'. Top of wireline fish est at 9992'.
2/24/2008	12:00 - 16:00	4.00	LOC	3		MI LEED WOR #717
2/25/2008	06:00 - 06:00	24.00	LOC	3		SPOT DALBO TANKS & RFR TANK. MOVE RENTAL TUBING
2/26/2008	06:00 - 06:00	24.00	LOC	3		RIG CREW OFF UNTIL WEDNESDAY
2/27/2008	07:00 - 09:00	2.00	OTH			SITP-1,400 PSI, FCP-150 PSI.
						RU PUMP & LINES.
	09:00 - 10:30	1.50	WCL	1		KILL WELL WITH 140 BBLs OF 2% KCL WATER PUMPING DOWN
						TBG @ 1.5 BPM 1,800 PSI.
	10:30 - 12:00	1.50	LOC	4		RI LEED WOR #717.
	12:00 - 14:45	2.75	BOP	1		NU WEATHERFORD 4" 15M X 7" 10M SPOOL, DOUBLE GATE BOP DRESSED WITH 2 3/8" PIPE RAMS ON TOP & BLIND RAMS ON BOTTOM, DSA & 7" 5M ANNULAR BOP. PRESSURE TEST PIPE RAMS TO 9,000 PSI & ANNULAR TO 3,000 PSI. ALL TESTS HELD GOOD.
	14:45 - 16:45	2.00	OTH			RU WORK FLOOR & HANDLING TOOLS. (WAS GOING TO RIH & ATTEMPT TO LATCH FISH BUT BAKER BROUGHT OUT WRONG X-OVER SUB FOR TUBING)
						PULL 5 STDS OF TBG. RU HEATER DRAIN PUMP & LINES. SECURE WELL SDFN.
2/28/2008	07:00 - 08:00	1.00	WCL	2		SICP-460 PSI, SITP-190 PSI.
						BLEED TBG & CSG DOWN SLOW. LOAD CSG WITH 5 BBLs. WELL WAS DEAD.
	08:00 - 09:30	1.50	FISH	4		RIH WITH 5 STDS OF 8RD TBG. PU 7 JTS OF 2 3/8" PH-6, P-110 TBG WORKING UP & DOWN TO 10,181'. SET 4,000# DOWN, TURN TBG 5 TURNS & STARTED TO TORQUE UP. PULL UP PULLING 3,000# OVER STRING WT.
	09:30 - 10:00	0.50	TRP	2		POOH WITH 13 STDS & WELL STARTED FLOWING.
	10:00 - 11:15	1.25	CIRC	1		ROLL HOLE WITH 130 BBLs OF 2% KCL WATER PUMPING DOWN TUBING 2.5 BPM @ 1,100 PSI.
	11:15 - 14:00	2.75	TRP	2		POOH WITH 142 STDS & 1 SINGLE.
	14:00 - 16:30	2.50	TRP	4		BREAK OUT & LD RBS FISHING TOOLS. PULL & LD 632' OF WIRELINE.
	16:30 - 18:00	1.50	TRP	2		MU & RIH WITH BHA #1 AS FOLLOWS: WL SPEAR W/DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, RN NIPPLE, 1 JT TBG, R NIPPLE & 40 STDS OF TBG. PULL 2 STDS TO EOT DEPTH OF 2,525'. SECURE WELL, DRAIN PUMP & LINES. SDFN
2/29/2008	07:00 - 07:45	0.75	WCL	2		SICP-990 PSI, SITP-0 PSI.
						BLEED CSG DOWN TO 0 PSI. WELL DEAD.
	07:45 - 11:15	3.50	TRP	2		TALLY TBG GOING IN HOLE. RIH WITH 60 STDS & WELL STARTED TO FLOW. RU TO FLOW INTO RFR TANK. RIH REMAINING 50 STDS & PU 17 JTS OFF OF RACK.
	11:15 - 12:30	1.25	FISH	5		TAG FISH TOP @ 10,626'. PUT 5 TURNS IN TBG & PULL UP. HAD NO INCFREASE IN WT. WORK PIPE DOWN TO 10,657' & ROTATE TBG. HAD AN INCREASE IN TORQUE. PULL UP ON TBG & HAD 2,000# OVER PULL. LD 1 JT TBG.
	12:30 - 13:45	1.25	WCL	1		KILL WELL WITH 170 BBLs OF 2% KCL WATER PUMPING DOWN TBG 3 BPM @ 1,700 PSI.
	13:45 - 17:45	4.00	TRP	2		POOH WITH 163 STDS, 1 SINGLE & BHA. RECOVERED 85' OF WIRE. SECURE WELL, DRAIN PUMP & LINES. SDFN.
3/1/2008	07:00 - 07:45	0.75	WCL	2		SICP-920 PSI

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/1/2008	07:00 - 07:45	0.75	WCL	2		BLEED CSG DOWN TO 0 PSI. WELL DEAD.
	07:45 - 10:40	2.92	TRP	2		MU & RIH WITH BHA #2 AS FOLLOWS: WL SPEAR W/DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 63 STDS OF TBG & WELL STARTED TO FLOW. FLOW INTO RFR TANK. RIH REMAINING 100 STDS & PU 17 JTS OFF OF RACK.
	10:40 - 11:20	0.67	FISH	5		TAG FISH TOP @ 10,655'. WORK PIPE DOWN TO 10,657' & ROTATE TBG. HAD AN INCREASE IN TORQUE. PULL UP ON TBG 8,000# OVER. LD 2 JTS TBG DRAGING 6,000# OVER STRING WT. .
	11:20 - 12:30	1.17	WCL	1		KILL WELL WITH 170 BBLs OF 2% KCL WATER PUMPING DOWN TBG 3 BPM @ 1,700 PSI.
	12:30 - 18:00	5.50	TRP	2		POOH WITH 163 STDS & BHA. RECOVERED 15' OF WIRE. RIH WITH BHA #3 AS FOLLOWS: WL SPEAR W/DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 63 STDS OF TBG TO EOT DEPTH OF 4,138'. SECURE WELL, DRAIN PUMP & LINES. SDFN.
3/2/2008	07:00 - 07:45	0.75	WCL	2		SICP-1,640 PSI
	07:45 - 10:15	2.50	TRP	2		BLEED CSG DOWN TO 100 PSI.
	10:15 - 11:25	1.17	WCL	1		RIH WITH REMAINING 98 STDS. TAG FISH TOP @ 10,442'
	11:25 - 11:45	0.33	FISH	5		KILL WELL WITH 170 BBLs OF 2% KCL WATER PUMPING DOWN TBG 3 BPM @ 1,700 PSI.
	11:45 - 18:00	6.25	TRP	2		TAG FISH TOP @ 10,442'. (10' OUT ON JT #321) SET 20,000# DOWN PU TO NEUTRAL & ROTATE TBG 4 TURNS. HAD AN INCREASE IN TORQUE. PULL UP ON TBG 5,000# OVER & FISH STARTED MOVING
3/3/2008	07:00 - 08:55	1.92	TRP	2		POOH WITH 161 STDS & BHA. RECOVERED 13' OF WIRE. RIH WITH BHA #4 AS FOLLOWS: WL SPEAR W/DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 132 STDS OF TBG TO EOT DEPTH OF 8,625'. TURN WELL TO SALES. DRAIN PUMP & LINES. SDFN.
	08:55 - 10:20	1.42	WCL	1		FCP-340 PSI, SITP-0 PSI
	10:20 - 10:45	0.42	FISH	5		RIH WITH 21 STDS. TAG FISH TOP @ 9,967'. (12' IN ON JT # 306)
	10:45 - 18:00	7.25	TRP	2		KILL WELL WITH 225 BBLs OF 2% KCL WATER PUMPING DOWN TBG 3 BPM @ 1,700 PSI.
						TAG FISH TOP @ 9,967'. SET 3,000# DOWN PU TO NEUTRAL & ROTATE TBG 3 TURNS. HAD AN INCREASE IN TORQUE. PULL UP ON TBG 6,000# OVER & FISH STARTED MOVING
3/4/2008	07:00 - 07:50	0.83	TRP	2		POOH WITH 153 STDS & BHA. RECOVERED 49' OF WIRE & KENLEY CUTTER. RIH WITH BHA #5 AS FOLLOWS: WL SPEAR W/DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 162 STDS & 3 SINGLES OFF RACK TO EOT DEPTH OF 10,667'. DID NOT TAG FISH. TURN WELL TO SALES. DRAIN PUMP & LINES. SDFN.
	07:50 - 09:25	1.58	WCL	1		FCP-530 PSI, SITP-0 PSI
	09:25 - 10:05	0.67	FISH	5		(SEPERATOR WAS PLUGED OFF & QUIT FLOWING)
						BLEED WELL DOWN TO 100 PSI. PU 1 JT OFF RACK & TAG FISH TOP @ 10,671'. (4' IN ON JT # 329)
						KILL WELL WITH 225 BBLs OF 2% KCL WATER PUMPING DOWN TBG 3 BPM @ 1,700 PSI.
						TAG FISH TOP @ 10,671'. SET 6,000# DOWN PU TO NEUTRAL & ROTATE TBG 3 TURNS. HAD AN INCREASE IN TORQUE. PULL UP ON TBG 4,000# OVER & FISH STARTED MOVING. ANNULAS STARTED TO FLOW

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/4/2008	10:05 - 10:40	0.58	WCL	1		CIRCULATE WELL WITH 95 BBLS.
	10:40 - 14:30	3.83	TRP	2		POOH WITH 164 STDS & BHA. RECOVERED 87' OF WIRE. (CSG STARTED TO FLOW WITH 20 STDS OF TBG IN HOLE. WAS ABLE TO FINISH TRIP)
	14:30 - 16:35	2.08	WCL	2		OPEN WELL TO RIG TANK & FLOW BACK 155 BBLS OF WATER
3/5/2008	16:35 - 17:15	0.67	OTH			TURN WELL TO SALES FOR NIGHT. DRAIN PUMP & LINES. SDFN
	07:00 - 08:15	1.25	WCL	1		FCP-200 PSI, BULLHEAD WELL WITH 125 BBLS OF 2% KCL WATER PUMPING 5 BPM @ 375 PSI.
	08:15 - 12:20	4.08	TRP	2		RIH WITH BHA #6 AS FOLLOWS: WL SPEAR W/DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 164 STDS & 62 SINGLES OFF RACK. TAG FISH TOP @ 12,615'.
	12:20 - 13:50	1.50	WCL	1		CIRCULAT 270 BBLS PUMPING CONVENTIONAL @ 3 BPM 1,800 PSI.
	13:50 - 14:20	0.50	FISH	5		TAG FISH TOP @ 12,615'. SET 10,000# DOWN PU TO NEUTRAL & ROTATE TBG 3 1/2 TURNS & GOT 3/4 TURNS BACK. HAD NO OVER PULL.
	14:20 - 19:00	4.67	TRP	2		POOH WITH 196 STDS TBG & BHA. DID NOT RECOVER ANY WIRE. CHANGE OUT BHA. MU & RIH WITH BHA #7 AS FOLLOWS: 3.701" OVERSHOT DRESSED WITH 1 7/16" BASKET GRAPPLE, DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 50 STDS TO EOT DEPTH OF 3,325'. SECURE WELL, DRAIN PUMP & LINES. SDFN.
						SICP-750 PSI, BLEED WELL DOWN TO 0 PSI.
3/6/2008	07:00 - 07:30	0.50	WCL	1		RIH WITH REMAINING 146 STDS OF TBG TAG FISH TOP @ 12,615'.
	07:30 - 10:15	2.75	TRP	2		ATTEMPT TO LATCH FISH. SET DOWN ON FISH SEVERAL TIMES & PU OFF FISH WITH NO OVER PULL. SET DOWN & ROTATE. DOES NOT LOOK LIKE OVERSHOT IS GOING OVER ROPE SOCKET.
	10:15 - 10:45	0.50	FISH	5		CIRCULATE 270 BBLS PUMPING CONVENTIONAL @ 3 BPM 1,800 PSI.
	10:45 - 12:25	1.67	WCL	1		POOH WITH 196 STDS OF TBG & BHA. RECOVERED 1' OF WIRE STUCK IN OVERSHOT. CHANGE OUT FISHING TOOLS. MU & RIH WITH BHA #8 AS FOLLOWS: 2 FINGER WIRE GRAB, DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 102 STDS TO EOT DEPTH OF 6,678'.
	12:25 - 18:00	5.58	TRP	2		SECURE WELL, DRAIN PUMP & LINES. SDF
3/7/2008						SICP-1,500 PSI, SITP-0 PSI. BLEED WELL DOWN TO 100 PSI.
	07:00 - 07:30	0.50	WCL	1		RIH WITH REMAINING 94 STDS OF TBG TAG FISH TOP @ 12,615'.
	07:30 - 09:10	1.67	TRP	2		ATTEMPT TO LATCH FISH. SET DOWN ON FISH SEVERAL TIMES & PU OFF FISH WITH NO OVER PULL. SET DOWN & ROTATE. WAS PICKING UP TORQUE BUT HAD NO OVER PULL. TAP DOWN ON FISH SEVERAL TIMES & ROTATE STILL NO OVER PULL
	09:10 - 09:40	0.50	FISH	5		CIRCULATE 270 BBLS PUMPING CONVENTIONAL @ 3 BPM 2,200 PSI.
	09:40 - 11:15	1.58	WCL	1		POOH WITH 196 STDS OF TBG & BHA. DID NOT RECOVER ANYTHING. THE BOTTOM OF THE WIRE GRAB HAD JAGGED MARKS ON THE VERY BOTTOM AND NO MARKS ON THE INSIDE TO INDICATE WE WERE OVER THE ROPE SOCKET. FLOW WELL TO RIG TANK.
	11:15 - 15:45	4.50	TRP	2		TURN WELL TO SALES THRU PRODUCTION UNIT. SDFWE
	15:45 - 06:00	14.25	PTST	2		

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/8/2008	06:00 - 06:00	24.00	WCL	1		RIG CREW OFF UNTIL MONDAY
3/9/2008	06:00 - 06:00	24.00	WCL	1		RIG CREW OFF UNTIL MONDAY
3/10/2008	07:00 - 07:45	0.75	WCL	1		FCP-200 PSI
	07:45 - 11:20	3.58	TRP	2		LOAD WELL WITH 85 BBLS OF 2% KCL WATER. MU & RIH WITH BHA #9 AS FOLLOWS: 3 5/8" MILL SHOE WITH INSIDE BARBS, TOP SUB, DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 195 STDS
	11:20 - 12:50	1.50	SEQ	1		RU POWER SWIVEL.
	12:50 - 14:30	1.67	FISH	1		LOAD HOLE & BEGIN MILLING. TAG FISH TOP @ 12,612' MILL TO 12,616'. STOPPED MAKING HOLE & HAD NO TORQUE. CIRCULATE CLEAN.
	14:30 - 15:15	0.75	SEQ	1		HANG SWIVEL BACK IN DERRICK.
	15:15 - 19:15	4.00	TRP	2		POOH WITH 195 STDS, 2 SINGLES & BHA. RECOVERED 10' OF WIRE STUFFED UP INSIDE OF SHOE. SECURE WELL SDFN.
3/11/2008	07:00 - 10:30	3.50	TRP	2		SICP-0 PSI MU & RIH WITH BHA #10 AS FOLLOWS: 3 5/8" MILL SHOE WITH INSIDE BARBS, TOP SUB, DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 196 STDS
	10:30 - 11:00	0.50	SEQ	1		RU POWER SWIVEL.
	11:00 - 12:30	1.50	FISH	1		LOAD HOLE & BEGIN MILLING. TAG FISH TOP @ 12,615' MILL TO 12,617'. STOPPED MAKING HOLE. SET DOWN ON FISH & CIRCULATE CLEAN.
	12:30 - 13:00	0.50	SEQ	1		HANG SWIVEL BACK IN DERRICK.
	13:00 - 18:00	5.00	TRP	2		POOH WITH 196 STDS & BHA. DID NOT RECOVER ANY WIRE. THE SHOE HAD MARKS ON BOTTOM 3/4" INSIDE OF SHOE. NO OTHER MARKS. MU & RIH WITH BHA #11 AS FOLLOWS: 3 5/8" OS DRESSED WITH 1 7/16" BASKET GRAPPLE, TOP SUB, DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 60 STDS TO EOT DEPTH OF 3,979'. DRAIN PUMP & LINES, SECURE WELL SDFN.
3/12/2008	07:00 - 07:30	0.50	WCL	2		SICP-1000 PSI
	07:30 - 10:15	2.75	TRP	2		BLEED WELL DOWN TO 100 PSI.
	10:15 - 11:00	0.75	FISH	5		RIH WITH REMAINING 136 STDS OF TBG.
	11:00 - 12:40	1.67	WCL	1		TAG FISH TOP @ 12,615'. LATCH FISH (HAD TO HIT DOWN TO LATCH FISH) PULL UP 10M OVER STRING WT & WORK UP TO 20,000# OVER. HIT JARS @ 20,000# OVER & STARTED MOVING FREE. SET DOWN ON FISH & RU TO KILL WELL.
	12:40 - 17:00	4.33	TRP	2		CIRCULATE 270 BBLS OF 2% PUMPING CONVENTIONAL 3 BPM 2,500 PSI.
						POOH WITH 196 STDS & BHA. DID NOT RECOVER FISH. BAKER IS BUILDING A SHOE TONIGHT & WILL RUN IN THE MORNING. DRAIN PUMP & LINES, SECURE WELL SDFN.
3/13/2008	07:00 - 07:30	0.50	WCL	2		SICP-900 PSI
	07:30 - 11:00	3.50	TRP	2		BLEED WELL DOWN TO 0 PSI.
						MU & RIH WITH BHA #12 AS FOLLOWS: 3 5/8" MILL SHOE WITH INSIDE BARBS, TOP SUB, DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 196 STDS
	11:00 - 11:35	0.58	SEQ	1		RU POWER SWIVEL
	11:35 - 13:10	1.58	FISH	5		BREAK CIRCULATION PUMPING CONVENTIONAL. TAG FISH TOP @ 12,615'. ROTATE OVER FISH 3 1/2'. STARTED TO GAIN TORQUE.

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/13/2008	11:35 - 13:10	1.58	FISH	5		PULL 5,000# OVER STRING WT. SET DOWN ON FISH & CIRCULATE CLEAN. PULLED 7,000# OVER & HIT JARS.
	13:10 - 13:35	0.42	SEQ	1		HANG SWIVEL BACK IN DERRICK.
	13:35 - 18:30	4.92	TRP	2		POOH WITH 196 STDS & BHA. RECOVERED 1 1/2' OF WIRE. COULD NOT SEE ANY DEFINITIVE MARKS ON SHOE. MU & RIH WITH BHA #13 AS FOLLOWS: 3 5/8" MILL SHOE WITH INSIDE BARBS, TOP SUB, DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 58 STDS TO EOT DEPTH OF 3,815'. DRAIN PUMP & LINES, SECURE WELL SDFN.
3/14/2008	07:00 - 07:25	0.42	WCL	2		SICP-1250 PSI
	07:25 - 10:00	2.58	TRP	2		BLEED WELL DOWN TO 100 PSI.
	10:00 - 10:20	0.33	SEQ	1		FINISH RIH WITH 138 STDS OF TBG. TAG FISH TOP @ 12,618'.
	10:20 - 12:15	1.92	FISH	5		RU POWER SWIVEL
	12:15 - 12:40	0.42	SEQ	1		BREAK CIRCULATION PUMPING CONVENTIONAL. MILL FROM 12,618' TO 12,620'. STRING PULLED 8K OVER. SET DOWN & CIRCULATE CLEAN.
	12:40 - 16:30	3.83	TRP	2		HANG SWIVEL BACK IN DERRICK.
3/15/2008	16:30 - 19:00	2.50	WCL	2		POOH WITH 196 STDS & BHA. DID NOT HAVE ANY WIRE & COULD NOT SEE ANY DEFINITIVE MARKS ON SHOE. WELL IS FLOWING. FLOW INTO FLOWBACK TANK WITH WATER THEN TURN WELL TO SALES THRU PRODUCTION EQUIPMENT.
	07:00 - 07:25	0.42	WCL	2		FLOW INTO FLOWBACK TANK WITH WATER THEN TURN WELL TO SALES THRU PRODUCTION EQUIPMENT.
	07:25 - 10:50	3.42	TRP	2		FCP-250 PSI
	10:50 - 12:15	1.42	FISH	5		KILL WELL WITH 110 BBLS OF 2% KCL WATER.
	12:15 - 13:45	1.50	WCL	1		MU & RIH WITH BHA #14 AS FOLLOWS: 3 5/8" OS DRESSED WITH 1 7/16" BASKET GRAPPLE, TOP SUB, DRAIN SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 196 STDS
	13:45 - 16:30	2.75	TRP	2		ATTEMPT TO LATCH FISH SEVERAL TIMES. HIT DOWN WITH BUMPER SUB & TURN TUBING. COULD NOT GET A BITE WITH GRAPPLE.
3/16/2008	07:00 - 07:20	0.33	WCL	2		CIRCULATE WELL WITH 270 BBLS OF 2% KCL WATER @ 3 BPM 2,500 PSI.
	07:20 - 09:50	2.50	TRP	2		POOH WITH 196 STDS & BHA. RECOVERED 6" OF WIRE STUFFED UP INSIDE OF OVERSHOT. MU & RIH WITH BHA #15 AS FOLLOWS: 3 5/8" MILL SHOE DRESSED WITH 1 11/16" TAPERED ID & FLAT BOTTOM 1' UP, TOP SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 60 STDS TO EOT DEPTH OF 3,976'. SECURE WELL SDFN.
	09:50 - 10:20	0.50	SEQ	1		SICP-550 PSI
	10:20 - 13:00	2.67	FISH	5		BLEED WELL DOWN TO 100 PSI.
	13:00 - 13:35	0.58	SEQ	1		FINISH RIH WITH 136 STDS OF TBG.
	13:35 - 16:30	2.92	TRP	2		RU POWER SWIVEL
						TAG FISH TOP @ 12,632' (FISH MOVED DOWN HOLE 14') MILL OVER FISH FROM 12,632' TO 12,634'. MILLED IN SAME SPOT FOR 1 HR WITH NO TORQUE & NOT MAKING HOLE. HAD WIRE LINE, PLASTIC WIRE INSULATOR, METAL SHAVINGS & COPPER COLORED SHAVINGS IN RETURNS. PUMP FINAL GEL SWEEP & CIRCULATE CLEAN.
						HANG SWIVEL BACK IN DERRICK.
						POOH WITH 196 STDS & BHA. RECOVERED 4" OF WIRE BALLED

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release: Group:
 Rig Number: 3

Spud Date: 1/24/2007

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/16/2008	13:35 - 16:30	2.92	TRP	2		UP INSIDE OF SHOE. THERE WAS MARKS ON THE BOTTOM PART OF THE THE TAPERED SHOE, MARKS ON THE 1 3/4" ID & MARKS ON THE FLAT BOTTOM MILL 1'UP. MU & RIH WITH BHA #16 AS FOLLOWS: 3 5/8" OS DRESSED WITH 1 7/16" BASKET GRAPPLE, TOP SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 60 STDS TO EOT DEPTH OF 3,975'. SECURE WELL SDFN.
3/17/2008	07:00 - 07:20	0.33	WCL	2		SICP-550 PSI BLEED WELL DOWN TO 100 PSI.
	07:20 - 09:40	2.33	TRP	2		FINISH RIH WITH 136 STDS OF TBG.
	09:40 - 10:05	0.42	SEQ	1		RU POWER SWIVEL
	10:05 - 12:20	2.25	FISH	5		BREAK CIRCULATION PUMPING CONVENTIONAL @ 2 BPM 1,800 PSI. TAG FISH TOP @ 12,634' (PUMP PRESSURES UP WHEN GOING OVER FISH) LATCH FISH & PULL 5K OVER WORK UP TO 15K OVER & HIT JARS TWICE. FISH SLIPPED OFF. COULD GET A BITE ON FISH BUT GRAPPLE KEPT SLIPPING OFF @ 7-10K OVER. CIRCULATE CLEAN
	12:20 - 12:45	0.42	SEQ	1		HANG SWIVEL BACK IN DERRICK.
	12:45 - 16:30	3.75	TRP	2		POOH WITH 196 STDS & BHA. RECOVERED 5" OF ROPE SOCKET (THE ROPE SOCKET CAME APART ON A CONNECTION)
	16:30 - 19:30	3.00	OTH			OPEN WELL TO RIG TANK & FLOW WATER BACK. SET SWIVEL IN CRADLE & PREPARE TO SWAP OUT SWIVELS. TURN WELL TO SALES THRU PRODUCTION UNIT. SDFN.
3/18/2008	07:00 - 07:30	0.50	WCL	2		FCP-300 PSI
	07:30 - 11:05	3.58	TRP	2		BULLHEAD & KILL WELL WITH 120 BBLS OF 2% KCL WATER MU & RIH WITH BHA #17 AS FOLLOWS: 3 5/8" OS DRESSED WITH 1 7/16" BASKET GRAPPLE, TOP SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 60 STDS
	11:05 - 11:45	0.67	SEQ	1		RU POWER SWIVEL
	11:45 - 18:30	6.75	FISH	5		BREAK CIRCULATION PUMPING CONVENTIONAL @ 2 BPM 1,800 PSI. TAG FISH TOP @ 12,634' & LATCH FISH. JAR FROM 15K TO 30K OVER & PULL UP TO 40K OVER (HANG SWIVEL BACK & STRING RIG UP ON A SINGLE LINE) JAR ON FISH FOR 4 1/2 HRS. DID NOT SEE ANY MOVEMENT. PULL UP TO 40K OVER & SECURE WELL. SDFN
3/19/2008	07:00 - 07:20	0.33	WCL	2		SICP-700 PSI
	07:20 - 08:00	0.67	FISH	3		BLEED WELL DOWN TO 0 PSI JAR ON FISH @ 30K OVER FOR 40 MIN. FISH CAME FREE PULLING SMOOTH.
	08:00 - 10:35	2.58	WCL	1		KILL WELL PUMPING CONVENTIONAL @ 3 BPM 2,500 PSI 270 BBLS OF KCL WATER. SHUT DOWN PUMP & WELL DID NOT DIE. PUMP ANOTHER 110 BBLS. (STRING RIG UP ON A DOUBLE LINE WHILE CIRCULATING)
	10:35 - 17:00	6.42	TRP	2		START OUT OF HOLE & WELL STARTED TO FLOW. STRIP OUT ON BAG. KILL WELL WITH 17 STDS LEFT IN HOLE. FINISH POOH WITH 17 STDS & BHA. LD CUTTERS SINKER BARS. WAS MISSING THE BAKER #10 SETTING TOOL & SLEEVE. FLOW WATER BACK TO RIG TANK & THEN TURN TO SALES THRU PRODUCTION UNIT. SDFN.
3/20/2008	07:00 - 07:45	0.75	WCL	2		FCP-350 PSI
	07:45 - 11:25	3.67	TRP	2		BULLHEAD & KILL WELL WITH 120 BBLS OF 2% KCL WATER. MU & RIH WITH BHA #18 AS FOLLOWS: 3.701" 4 BLADE JUNK MILL,

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/20/2008	07:45 - 11:25	3.67	TRP	2		BIT SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 196 STDS. TAG FISH TOP @ 12,648'.
	11:25 - 11:50	0.42	SEQ	1		RU POWER SWIVEL.
	11:50 - 18:00	6.17	FISH	1		BREAK CIRCULATION PUMPING CONVENTIONAL @ 2 1/2 BPM 1,200 PSI. MILL FROM 12,648' TO 12,649.30'. PUMP FINAL GEL SWEEP & CIRCULATE CLEAN. PULL UP 30' & SECURE WELL. SDFN.
3/21/2008	07:00 - 11:30	4.50	FISH	1		SICP-2050 PSI BREAK CIRCULATION PUMPING CONVENTIONAL @ 2 1/2 BPM 2,000 PSI. (BRIN WELL PRESSURE DOWN TO 400 PSI). MILL FOR 3 HRS @ 12,649.30'. DID NOT MAKE ANY HOLE. CIRCULATE WELL CLEAN.
	11:30 - 11:55	0.42	SEQ	1		HANG BACK SWIVEL IN DERRICK.
	11:55 - 16:45	4.83	TRP	2		WELL DID NOT DIE & WAS FLOWING FLUID @ 10 PSI. STRIP OUT OF HOLE ON BAG. WITH 20 STDS IN HOLE BULLHEAD 110 BBLS & KILL WELL. FINISH POOH & LD BHA. MILL WAS WORE OUT.
	16:45 - 18:00	1.25	WCL	2		FLOW FLUID BACK TO RIG TANK & THEN TURN TO SALES THRU PRODUCTION UNIT. SDFN.
3/22/2008	07:00 - 09:50	2.83	LOG	4		FCP-250 PSI MIRU OWP ELU.
	09:50 - 10:30	0.67	CIRC	3		LOAD HOLE WITH 150 BBLS OF 2% KCL WATER.
	10:30 - 12:30	2.00	LOG	4		RIH WITH CEMENT BAILER & DUMP 10' OF CEMENT ON TOP OF FISH @ 12,649'. POOH RDMO OWP ELU
	12:30 - 15:00	2.50	OTH			CLEAR OFF WORK FLOOR & FOLD UP. ND ANNULAR BOP, NU NEW ANNULAR & FUNCTION TEST. FOLD FLOOR DOWN & RU HANDLING TOOLS. SECURE WELL SDFWE
3/23/2008	06:00 - 06:00	24.00	LOG	4		RIG CREW OFF UNTIL TUESDAY
3/24/2008	06:00 - 06:00	24.00	LOG	4		RIG CREW OFF UNTIL TUESDAY
3/25/2008	07:00 - 10:40	3.67	WCL	2		SICP-4,800 PSI BLEED WELL DOWN THRU PRODUCTION UNIT TO 150 PSI. BULLHEAD 120 BBLS INTO WELL.
	10:40 - 14:15	3.58	TRP	2		MU & RIH WITH BHA #19 AS FOLLOWS: 3.701" 5 BLADE JUNK MILL, BIT SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 196 STDS. TAG FISH TOP @ 12,649.30'.
	14:15 - 14:40	0.42	SEQ	1		RU POWER SWIVEL
	14:40 - 18:30	3.83	FISH	1		BREAK CIRCULATION PUMPING 2 1/2 BPM @ 1,500 PSI. MILL FROM 12,649' TO 12,832'. PUMP FINAL SWEEP & CIRCULATE CLEAN. PULL UP 30' & SECURE WELL. SDFN.
3/26/2008	07:00 - 15:40	8.67	FISH	1		SICP-2,500 PSI OPEN WELL TO RIG TANK. BREAK CIRCULATION PUMPING 2 1/2 BPM @ 1,500 PSI. PUSH FISH FROM 12,832' TO 12,935' & FISH STOPPED MOVING. MILL FOR 6 1/2 HRS FROM 12,935' TO 12,939'. PUMP FINAL GEL SWEEP & CIRCULATE CLEAN.
	15:40 - 16:05	0.42	SEQ	1		HANG SWIVEL BACK IN DERRICK.
	16:05 - 19:00	2.92	TRP	2		POOH WITH 147 STDS OF TBG TO EOT DEPTH OF 3,585'. (109 JTS & BHA IN HOLE) TURN WELL TO SALES THRU PRODUCTION UNIT. SDFN.
3/27/2008	07:00 - 08:05	1.08	TRP	2		SICP-2,500 PSI FINISH POOH WITH 54 STDS & BHA. KILL WELL WITH 90 BBLS OF 2% KCL WATER. MILL WAS ABOUT HALF WAY WORN OUT & LOOKED LIKE IT COULD HAVE BEEN SPINNING.

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
 Common Well Name: GB 1M-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Rocky Mtn Well Service
 Rig Name: ROCKY MTN WS

Start: 6/28/2007
 Rig Release:
 Rig Number: 3
 Spud Date: 1/24/2007
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/27/2008	08:05 - 10:45	2.67	LOG	4		MIRU CUTTERS ELU. (FLOW WELL BACK WHILE RIGGING UP)
	10:45 - 11:30	0.75	WCL	1		BULLHEAD & KILL WELL WITH 145 BBLS OF 2% KCL WATER.
	11:30 - 14:00	2.50	LOG	4		RIH WITH CEMENT BAILER TO 12,939' & DUMP 10' OF CEMENT ON TOP OF FISH. POOH RDMO CUTTERS ELU. SECURE WELL SDFN.
3/28/2008	07:00 - 09:00	2.00	WCL	1		SICP-2,750 PSI
						BLEED WELL DOWN TO 0 PSI & UNLOAD FLUID. BULLHEAD & KILL WELL WITH 100 BBLS OF 2% KCL WATER.
	09:00 - 12:45	3.75	TRP	2		MU & RIH WITH BHA #20 AS FOLLOWS: 3.701" 4 BLADE JUNK MILL, STABALIZER, BIT SUB, DOUBLE FLAPPER VALVE, 2 7/8" LBS, 2 7/8" HYD JAR, XO SUB, PUP JT, 1 JT TBG, R NIPPLE & 200 STDS. TAG FISH TOP @ 12,935'.
	12:45 - 13:15	0.50	SEQ	1		RU POWER SWIVEL.
3/29/2008	13:15 - 18:30	5.25	FISH	1		BREAK CIRCULATION PUMPING 2 1/2 BPM @ 1,900 PSI. MILL 12,935' TO 12,943' & FISH STARTED TO MOVE. PUSH FISH DOWN TO 13,049' & TOOK 3,000# PRESSURE INCREASE. CIRCULATE CLEAN & TRY TO BRING PRESSURE DOWN. WORK 4 JTS OUT OF HOLE TO 12,927'. (CAN GO UP BUT CAN'T GO DOWN) SECURE WELL SDFN. SHUT WELL IN WITH 4,500 PSI.
						SICP-6,000 PSI
						SURFACE CSG-1,500 PSI
						RU QEP SAND TRAP. MIRU IPS COMBO PUMP. OPEN WELL TO PRODUCTION UNIT & BREAK CIRCULATION @ 3/4 BPM 3,600 PSI. PUMP FOR 5 MIN & PRODUCTION UNIT PLUGGED OFF. FIX SURFACE LEAKS & UNPLUG SEPERATOR. START PUMPING AGAIN & SEPERATOR WAS STILL PLUGGED. SHUT DOWN PUMP. (CALL FOR HOT OILER PUMP TO CLEAN SEPERATOR & PARCHMAN FOR FLOWBACK IRON.) DIG FLARE PIT WHILE WAITING ON IRON. WHEN IRON ARRIVED RU MANIFOLD & LAY LINE TO FLARE PIT. BREAK CIRCULATION PUMPING 1 1/2 BPM @ 3,900 PSI. PUMP 180 BBLS OF 2% KCL WATER. PRESSURE DECREASED TO 2,000 PSI. SHUT PUMP DOWN.
3/30/2008	18:30 - 20:00	1.50	OTH			EQUALIZE & OPEN RAMS. MOVE PIPE UP & DOWN & ROTATE. HANG SWIVEL BACK IN DERRICK. LAND TBG ON PIPE RAMS & PREPARE TO RU SNUBBERS. SECURE WELL SDFN.
						SICP-6,000 PSI
						SURFACE CSG-1,500 PSI
						RD HANDLING TOOLS & WORK FLOOR. SET SWIVEL BACK IN RACK. MIRU MOUNTAIN STATES SNUB UNIT.
	10:30 - 14:00	3.50	OTH			THE WEATHERFORD GATE VALVES ON BOP & THE CASING VALVES ON WELL HEAD WOULD NOT OPEN. CHANGE OUT 2 WEATHERFORD VALVES & REPAIR CASING VALVES.
	14:00 - 16:00	2.00	CIRC	1		RU IPS COMBO PUMP & CIRCULATE 200 BBLS OF 2% KCL WATER @ 2.6 BPM 4,900 PSI. (CSG PRESSURE DROPPED TO 2,300 PSI)
	16:00 - 17:00	1.00	TRP	5		PU 14 JTS OF TBG TO EOT DEPTH OF 13,340' (BOTTOM PLUG WAS SET @ 13,260' & WAS MISSING) LD 2 JTS TBG TO 13,280'.
3/31/2008	17:00 - 18:45	1.75	CIRC	1		RU IPS COMBO PUMP & CIRCULATE 200 BBLS OF 2% KCL WATER @ 2.6 BPM 4,900 PSI. BULLHEAD 20 BBLS INTO FORMATION.
	18:45 - 19:30	0.75	TRP	5		LD 3 JTS OF TBG TO EOT DEPTH OF 13,187' (410 JTS IN HOLE)
						SECURE WELL SDFN.
	07:00 - 18:30	11.50	LOC	4		SICP-3,700 PSI
						SURFACE CSG-1,500 PSI
						EQUALIZE STACK & THE RAMS, BAG & BLEED OFF STARTED TO LEAK. REPAIR ALL LEAKS. POOH WITH 7 STDS & BLEW OUT #1

Operations Summary Report

Legal Well Name: GB 1M-4-8-22R
Common Well Name: GB 1M-4-8-22R
Event Name: COMPLETION
Contractor Name: Rocky Mtn Well Service
Rig Name: ROCKY MTN WS

Start: 6/28/2007
Rig Release:
Rig Number: 3
Spud Date: 1/24/2007
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/31/2008	07:00 - 18:30	11.50	LOC	4		RAMS. CHANGE OUT #1,2 & 3 RAMS. EQUALIZE STACK & STRIP OUT OF HOLE ON BOTH BAGS. LOWER BAG STARTED TO LEAK. PULL OUT RAM TO BAG & #4 RAMS STARTED LEAKING. CHANGE OUT #4 RAMS. EQUALIZE STACK & #1 STARTED TO LEAK. CHANGE OUT #1 RAMS. SECURE WELL EOT @ 6,710' WITH 205 JTS IN HOLE. SDFN. WILL CHANGE OUT BOTH BAGS THIS MORNING.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well Oil <input type="checkbox"/> Gas <input type="checkbox"/> Well <input type="checkbox"/> Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	5. Lease Designation and Serial No. UTU-02510A
2. Name of Operator QEP Uinta Basin, Inc.	6. If Indian, Allottee or Tribe Name NA
3. Address and Telephone No. 11002 E. 17500 S. Vernal, UT 84078, (435) 781-4331	7. If Unit or CA, Agreement Designation White River Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1139 FNL 469 FEL SECTION 4, T8S, R22E 1147 FNL, 1174 FEL	8. Well Name and No. GB 1D-4-8-22R 1m
	9. API Well No. 43-047-38990
	10. Field and Pool, or Exploratory Area White River
	11. County or Parish, State UINTAH, UT

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Wildcat tax credit application</u>	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Questar requests that the wildcat tax credit be applied to the GB 1D-4-8-22R well. This is the first well in the Mancos / Dakota pool within a one mile radius (see attached map). Offset wells include:

Well Name	API	TD	formation at TD
- RW 34-34 AD	43-047-36351	17238	Dakota
-			
-			

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 5/25/08

BY: [Signature]

* For Mancos, Frontier, Dakota formations only
* See attached statement of Basics

CC: Tax Commission (emailed)

RECEIVED

JUN 02 2008

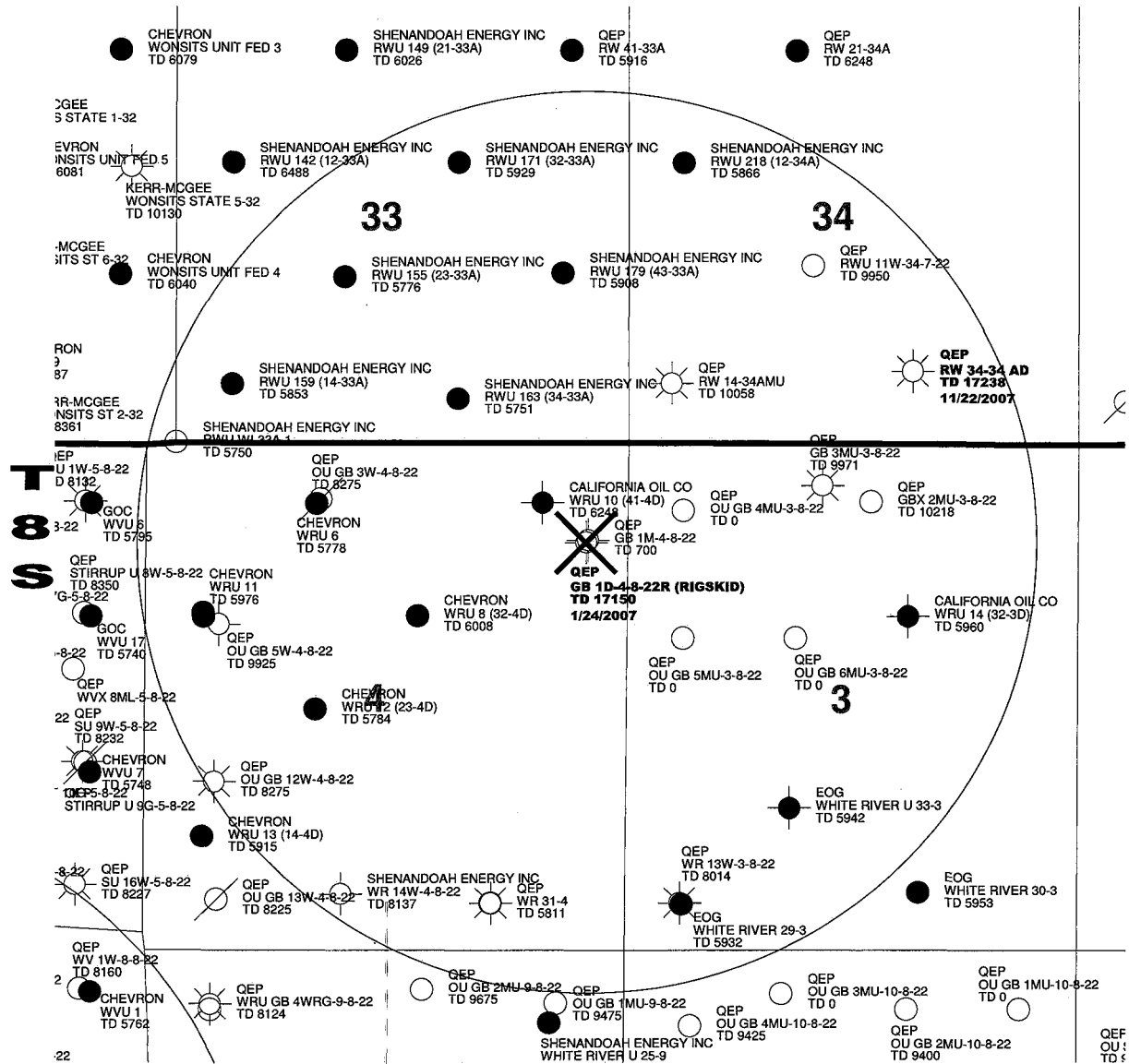
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Signed <u>[Signature]</u>	Title <u>Sr. Geologist</u>	Date <u>29 May 08</u>
-------------------------------------------------------------------------------------------	----------------------------	-----------------------

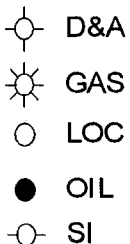
(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
Conditions of approval, if any _____

R 22 E



Well Status



1:24000

1000 0 1000 2000 3000 ft

**1050 17th, Suite 500
Denver, Colorado 80265
303 672-6900**

QUESTAR
*Exploration
& Production*

GB 1D-4-8-22

Date: May 12, 2008

Geologist:

Landman:

Geophysicist:

Engineer:

File:...\Uinta\CJO_RAGTaxCr\GB 1M-4-8-22.gmp

Fluid Entry Results

Company: Questar Exploration & Production
 Well: GB 1M-4-8-22R
 Date: 17-Jul-08
 Field:

Gas: 1.611 mmcf/d
 Metered Rates Oil: 50 B/D
 Water: 250 B/D

NOTE: Only perms that are contributing towards production are listed. Please see "Data Cover" for a list of all perms.

Red indicates a thief zone. See PLATO report for explanation.

Reservoir Zone	Perforations Depth (ft)	Gas		Water	
		Surface mmcf/d	%	Surface B/D	%
Wasatch	9116-9120			308.0	122.22%
Mesa Verde	9229-9231			167.0	66.27%
Mesa Verde	9284-9286			224.0	88.89%
Mesa Verde	9328-9330	0.143	8.53%	132.0	52.38%
Mesa Verde	10222-10224	0.007	0.42%		
Mesa Verde	10310-10312	0.054	3.22%		
Mesa Verde	10798-10800	0.057	3.40%		
Mesa Verde	11422-11424	0.220	13.13%		
Mesa Verde	11550 (SQZD)	0.498	29.71%	341.0	135.32%
Mesa Verde	11626-11628	0.217	12.95%		
Mesa Verde	11772*	0.325	19.39%		
Blackhawk	12248-12250**	-0.428	-25.54%	-651.0	-258.33%
Blackhawk	12572-12574	0.326	19.45%		
Mancos	13150-13152 (SQZD)			-269.0	-106.75%
Mancos B	13311-13313	0.106	6.32%		
Mancos B	13516-13518	0.011	0.66%		

Mancos C	14049-14051	0.080	4.77%		
Frontier	15963-15965	0.040	2.39%		
Dakota Silt	16798-16799	0.020	1.19%		

Total: 1.676 mmcf/d 100% 252 B/D 100%

* No perforation listed at this depth. "Ghost perforations" may be due to slugging of the flow or wireline yo-yo effects which cause a "bump" on the log when the various runs are averaged together. If these are true entries of gas or water, perhaps these might be best attributed to the nearest known perforations. However, these entries may also be occurring at off depth perforations.

** Note that perfs 12248-12250 in the BLACKHAWK appear to be thieving at a very high rate! Unless some unknown or extremely unusual flow conditions exist from about 11500' to 12250', the flowmeter runs are very consistent in showing this thief zone. This same effect was observed in an earlier run in this well.

DIVISION OF OIL, GAS AND MINING
Wildcat Well Determination
STATEMENT OF BASIS

Applicant: QEP Uinta Basin, Inc.

Location: NENE Sec. 4 T8S, R22E, Uintah County, Utah

WELL NAME: GB 1M-4-8-22R **API #:** 43-047-38990

FINDINGS

1. This well was completed on August 7, 2007 in the Mancos, Frontier and Dakota formations.
2. A recent production log shows Wasatch, Mesa Verde and Blackhawk formations added to wells production. The Division has no record of these perms being added.
3. This well was > 1 mile from any known production in the Mancos, Frontier and Dakota Formations at the time of the completion and the start of commercial production.
4. This well is approximately 2104' from the RW 14-34AMU that also produces from the Wasatch and Mesa Verde formations.
5. A production log was run on July 17, 2008 that attributed production in the following amounts for each formation: Wasatch 0%, Mesa Verde 91%, Blackhawk (-6%), Mancos 12%, Frontier 2% and Dakota 1%.
6. The Wildcat Tax Credit application was received 10 months after completion of the GB 1M-4-8-22R well (see submittal requirements in R649-3-35-1).

CONCLUSIONS

Future requests for wildcat well determination should be submitted in accordance with R649-3-35-1. Recompletion sundries showing additional work done should be submitted immediately to the Division as required by rule. Based on the findings above the Division has determined the GB 1M-4-8-22R well was drilled into an unknown area for the **Mancos, Frontier and Dakota formations**. The Division finds that this well qualifies for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells for the above formations. The Division recommends the percent of production attributed to the three formations (15%) from the production log run on July 17, 2008 be used as the amount of production that qualifies for the wildcat tax credit. This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35. If the operator disagrees with this determination, the decision may be appealed to the Board of Oil Gas and Mining.

Reviewer(s): Dustin K. Doucet



Date: 9/25/2008

Joshua J. Payne

Date: August 20, 2008

CC: Utah State Tax Commission
ATTN: Ken Petersen

MVRD - 90.71
 BLK HWK - 19.45
 MNC - 11.75
 FRTR - 2.39
 DETA - 1.19

ATTACHMENT A														
1 Mile Area of Review														
API	WELL NAME	Well Status	QTR	Sect	Town	Range	Cum Oil	Cum Gas	Field Ty	Dx From Well(ft)	Rotary Spud	Date TD reached	Date First Produced	Producing Formation
4304740126	GB 3D-4-8-22	APD	LOT6	04	080S	220E	0	0	D	2986				Dakota (Proposed)
4304740097	WRU GB 14G-4-8-22	DRL	SESW	04	080S	220E	0	0	D	4930				Green River (Proposed)
4304739792	WRU GB 13G-3-8-22	DRL	SWSW	03	080S	220E	0	0	D	4391				Green River (Proposed)
4304738990	GB 1M-4-8-22R (RIGSKID)	PGW	NENE	04	080S	220E	2945	213203	D	0	1/28/2007	6/6/2007	8/10/2007	Wasatch-Mesa Verde-Mancos-Frontier-Dakota
4304736351	RW 34-34 AD	PGW	SWSE	34	070S	220E	927	57321	E	4301		11/2/2007	3/5/2008	Wasatch-Mesa Verde-Mancos-Frontier-Dakota
4304736317	GBX 2MU-3-8-22	LA	NENW	03	080S	220E	0	0	E	3351				Mesa Verde
4304735671	RW 14-34AMU	PGW	SWSW	34	070S	220E	723	198343	D	2104	8/26/2004	9/16/2004	10/14/2004	Wasatch-Mesa Verde
4304735462	GB 1M-4-8-22	PA	NENE	04	080S	220E	0	0	D	38				Mesa Verde
4304735461	OU GB 2MU-4-8-22	LA	NWNE	04	080S	220E	0	0	D	1605				Mesa Verde
4304735460	OU GB 8MU-4-8-22	LA	SENE	04	080S	220E	0	0	D	991				Mesa Verde
4304735459	OU GB 7MU-4-8-22	LA	SWNE	04	080S	220E	0	0	D	2486				Mesa Verde
4304735458	OU GB 6MU-3-8-22	LA	SENW	03	080S	220E	0	0	E	3054				Mesa Verde
4304735457	GB 3MU-3-8-22	PGW	NENW	03	080S	220E	407	63383	E	2791				Wasatch-Mesa Verde
4304735456	OU GB 5MU-3-8-22	LA	SWNW	03	080S	220E	0	0	D	1772				Mesa Verde
4304735455	OU GB 4MU-3-8-22	LA	NWNW	03	080S	220E	0	0	D	1136				Mesa Verde
4304734809	OU GB 6W-4-8-22	LA	SENW	04	080S	220E	0	0	D	3276				Wasatch
4304734808	OU GB 5W-4-8-22	PA	SWNW	04	080S	220E	0	0	D	4430				Wasatch
4304734807	OU GB 4W-4-8-22	LA	NWNW	04	080S	220E	0	0	D	4400				Wasatch
4304734806	OU GB 3W-4-8-22	LA	NENW	04	080S	220E	0	0	D	3145				Wasatch
4304734762	OU GB 12W-4-8-22	PGW	NWSW	04	080S	220E	286	77732	D	5169				Wasatch
4304734761	OU GB 11W-4-8-22	LA	NESW	04	080S	220E	0	0	D	4143				Wasatch
4304734360	RWU 11W-34-7-22	LA	NESW	34	070S	220E	0	0	E	4163				Wasatch
4304734006	WR 14W-4-8-22	PA	SESW	04	080S	220E	0	0	D	5041				Wasatch
4304733651	WR 13W-3-8-22	PGW	SWSW	03	080S	220E	500	187571	D	4323				Wasatch
4304730106	RWU 218 (12-34A)	PA	SWNW	34	070S	220E	229992	67855		4603				Green River
4304716484	RWU WI-33A-1	PA	SWSW	33	070S	220E	0	0		4999				Green River
4304715314	WRU 12 (23-4D)	PA	NESW	04	080S	220E	0	0		3699				Green River
4304715313	WRU 11	PA	SWNW	04	080S	220E	0	0		4554				Green River
4304715312	WRU 8 (32-4D)	PA	SWNE	04	080S	220E	62459	17435		2151				Green River
4304715311	WRU 6	PA	NENW	04	080S	220E	169521	160404		3184				Green River
4304715286	RWU 179 (43-33A)	PA	NESE	33	070S	220E	156592	230719		3134				Green River
4304715279	RWU 171 (32-33A)	PA	SWNE	33	070S	220E	197024	365089		4669				Green River
4304715273	RWU 163 (34-33A)	PA	SWSE	33	070S	220E	207111	140664		2283				Green River
4304715269	RWU 159 (14-33A)	PA	SWSW	33	070S	220E	139475	141925		4592				Green River
4304715266	RWU 155 (23-33A)	PA	NESW	33	070S	220E	876198	516471		4225				Green River
4304715091	WHITE RIVER U 33-3	PA	NESW	03	080S	220E	0	0		3889				Green River
4304715090	WR 31-4	WS	SWSE	04	080S	220E	0	0		4409				Green River
4304715088	WHITE RIVER 29-3	PA	SWSW	03	080S	220E	118284	91175		4344				Green River
4304710212	WRU 14 (32-3D)	PA	SWNE	03	080S	220E	0	0		3746				Green River
4304710211	WRU 10 (41-4D)	PA	NENE	04	080S	220E	0	0		696				Green River

Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/28/2008	13:15 - 18:30	5.25	FISH	1	& FISH STARTED TO MOVE. PUSH FISH DOWN TO 13,049' & TOOK 3,000# PRESSURE INCREASE. CIRCULATE CLEAN & TRY TO BRING PRESSURE DOWN. WORK 4 JTS OUT OF HOLE TO 12,927'. (CAN GO UP BUT CAN'T GO DOWN) SECURE WELL SDFN. SHUT WELL IN WITH 4,500 PSI.
3/29/2008	07:00 - 18:30	11.50	WCL	1	SICP-6,000 PSI SURFACE CSG-1,500 PSI RU QEP SAND TRAP. MIRU IPS COMBO PUMP. OPEN WELL TO PRODUCTION UNIT & BREAK CIRCULATION @ 3/4 BPM 3,600 PSI. PUMP FOR 5 MIN & PRODUCTION UNIT PLUGGED OFF. FIX SURFACE LEAKS & UNPLUG SEPERATOR. START PUMPING AGAIN & SEPERATOR WAS STILL PLUGGED. SHUT DOWN PUMP. (CALL FOR HOT OILER PUMP TO CLEAN SEPERATOR & PARCHMAN FOR FLOWBACK IRON.) DIG FLARE PIT WHILE WAITING ON IRON. WHEN IRON ARRIVED RU MANIFOLD & LAY LINE TO FLARE PIT. BREAK CIRCULATION PUMPING 1 1/2 BPM @ 3,900 PSI. PUMP 180 BBLs OF 2% KCL WATER. PRESSURE DECREASED TO 2,000 PSI. SHUT PUMP DOWN. EQUALIZE & OPEN RAMS. MOVE PIPE UP & DOWN & ROTATE. HANG SWIVEL BACK IN DERRICK. LAND TBG ON PIPE RAMS & PREPARE TO RU SNUBBERS. SECURE WELL SDFN.
3/30/2008	07:00 - 10:30	3.50	LOC	4	SICP-6,000 PSI SURFACE CSG-1,500 PSI RD HANDLING TOOLS & WORK FLOOR. SET SWIVEL BACK IN RACK. MIRU MOUNTAIN STATES SNUB UNIT.
	10:30 - 14:00	3.50	OTH		THE WEATHERFORD GATE VALVES ON BOP & THE CASING VALVES ON WELL HEAD WOULD NOT OPEN. CHANGE OUT 2 WEATHERFORD VALVES & REPAIR CASING VALVES.
	14:00 - 16:00	2.00	CIRC	1	RU IPS COMBO PUMP & CIRCULATE 200 BBLs OF 2% KCL WATER @ 2.6 BPM 4,900 PSI. (CSG PRESSURE DROPPED TO 2,300 PSI)
	16:00 - 17:00	1.00	TRP	5	PU 14 JTS OF TBG TO EOT DEPTH OF 13,340' (BOTTOM PLUG WAS SET @ 13,260' & WAS MISSING) LD 2 JTS TBG TO 13,280'.
	17:00 - 18:45	1.75	CIRC	1	RU IPS COMBO PUMP & CIRCULATE 200 BBLs OF 2% KCL WATER @ 2.6 BPM 4,900 PSI. BULLHEAD 20 BBLs INTO FORMATION.
	18:45 - 19:30	0.75	TRP	5	LD 3 JTS OF TBG TO EOT DEPTH OF 13,187' (410 JTS IN HOLE) SECURE WELL SDFN.
3/31/2008	07:00 - 18:30	11.50	LOC	4	SICP-3,700 PSI SURFACE CSG-1,500 PSI EQUALIZE STACK & THE RAMS, BAG & BLEED OFF STARTED TO LEAK. REPAIR ALL LEAKS. POOH WITH 7 STDS & BLEW OUT #1 RAMS. CHANGE OUT #1,2 & 3 RAMS. EQUALIZE STACK & STRIP OUT OF HOLE ON BOTH BAGS. LOWER BAG STARTED TO LEAK. PULL OUT RAM TO BAG & #4 RAMS STARTED LEAKING. CHANGE OUT #4 RAMS. EQUALIZE STACK & #1 STARTED TO LEAK. CHANGE OUT #1 RAMS. SECURE WELL EOT @ 6,710' WITH 205 JTS IN HOLE. SDFN. WILL CHANGE OUT BOTH BAGS THIS MORNING.
4/1/2008	07:00 - 08:30	1.50	WCL	2	SICP-5,300 PSI SURFACE CSG-1,700 PSI BLOW WELL DOWN TO 4,800 PSI UNTIL WELL STARTED TO MAKE FLUID.
	08:30 - 11:00	2.50	BOP	1	LAND TBG ON PIPE RAMS & CHANGE OUT BAG ON SNUB UNIT & ON WEATHERFORD STACK. REPAIR BLEED OFF VALVES ON SNUB STACK.
	11:00 - 13:30	2.50	WCL	1	MIRU HALLIBURTON PUMP TRUCK. TEST LINES TO 10,000 PSI HELD GOOD. BULLHEAD 120 BBLs INTO FORMATION BEGINNING RATE 1 BPM @ 6,150 PSI FINAL RATE @ 3.5 BPM 5,600 PSI. SHUT DOWN PUMP WHEN PRESSURE STARTED TO INCREASE.
	13:30 - 18:00	4.50	TRP	8	EQUALIZE SACK & POOH WITH REMAINING TBG & BHA.
	18:00 - 18:30	0.50	WCL	1	BULLHEAD 20 BBLs INTO FORMATION. SECURE WELL SDFN.

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Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/2/2008	07:00 - 08:15	1.25	LOC	4	SICP-4,300 PSI 9 5/8" CSG-1,400 PSI RDMO MOUNTAIN STATES SNUB UNIT.
	08:15 - 08:45	0.50	BOP	1	ND WEATHERFORD ANNULAR & DSA
	08:45 - 09:10	0.42	OTH		RU WORK FLOOR
	09:10 - 17:20	8.17	LOG	4	MIRU OWP ELU. START IN HOLE WITH PLUG & COULDN'T GET PAST 30' POOH. PUMP 2 BBLs OF METHANOL & RIH TO 140' & STACKED OUT ON HYDRATES POOH. PUMP 3 BBLs OF METHANOL & FOLLOW WITH 182 BBLs OF 2% KCL WATER. RIH WITH WEATHERFORD 3.44" CBP & SET @ 13,301' WITH 3,200 PSI ON WELL POOH. RIH WITH WEATHERFORD 3.44" CBP PRESSURE WELL UP TO 3,800 PSI & SET CBP @ 13,298' POOH. BLEED 9 5/8" CSG DOWN TO FLARE PIT & PUMP 100 BBLs OF 2% KCL WATER. DID NOT CATCH PRESSURE. SECURE WELL SDFN.
4/3/2008	17:20 - 19:15	1.92	CIRC	3	
	07:00 - 07:45	0.75	WCL	2	SICP-2,800 PSI 9 5/8" CSG-250 PSI BLEED 9 5/8" CSG DOWN TO 0 PSI.
	07:45 - 14:10	6.42	LOG	4	RIH WITH CASING PUNCH TO 450' & HIT HYDRATES POOH. PUMP 3 BBLs OF METHANOL & FOLLOW WITH 180 BBLs OF 2% KCL WATER. (HAD 9 5/8" CSG OPEN TO PIT WHILE CIRCULATING & HAD NO RETURNS) RIH WITH CASING PUNCH & SHOOT 9 HOLES FROM 12,585' TO 12,587' POOH. MU & RIH WITH BAKER CEMENT RETAINER & SET @ 12,299' POOH. RDMO OWP ELU.
	14:10 - 16:00	1.83	BOP	1	RAISE WORK FLOOR & NU WEATHERFORD 7" 5K ANNULAR. LOWER FLOOR & RU HANDLING TOOLS. BLEED WELL DOWN TO 0 PSI WHILE GETTING READY TO TRIP.
4/4/2008	16:00 - 18:45	2.75	TRP	2	MU & RIH AS FOLLOWS: BAKER CEMENT STINGER, 8' PUP JT, 1 JT TBG, 1,710" F NIPPLE & 152 STDS OF TBG TO 9,906'. SECURE WELL SDFN.
	07:00 - 07:30	0.50	WCL	2	SICP-1,000 PSI. SITP-900 PSI 9 5/8" CSG-50 PSI BLEED 9 5/8" CSG DOWN TO 0 PSI. BLEED TBG & 4 1/2" CSG TO 0 PSI.
	07:30 - 08:45	1.25	TRP	2	RIH WITH 38 STDS OF TBG & TAG RETAINER @ 12,300'. SPACE OUT WITH 10' & 8' PUP JTS.
	08:45 - 11:00	2.25	CIRC	1	MIRU IPS HIGH PRESSURE PUMP. CIRCULATE WELL PUMPING CONVENTIONAL 155 BBLs OF 2% KCL WATER @ 2.9 BPM 3,100 PSI. STING INTO RETAINER & PRESSURE UP TO 7,000 PSI @ .1 BPM. COULD NOT PUMP INTO FORMATION OR CIRCULATE. CANNOT SQUEEZE. DISCUSSED SITUATION & DECIDED TO POOH & PREPARE FOR NEXT SQUEEZE. RELEASE IPS PUMP
4/5/2008	11:00 - 11:45	0.75	WCL	1	STING OUT OF RETAINER. HOLE WAS OUT OF BALANCE. PUMP 75 BBLs DOWN TBG.
	11:45 - 16:00	4.25	TRP	2	POOH WITH 191 STDS OF TBG. LD STINGER. LOAD 9 5/8" CSG WITH 300 BBLs OF 2% KCL WATER & PRESSURE TEST TO 3,500 PSI. HELD GOOD FOR 30 MIN. BLEED OFF CSG SECURE WELL SDFWE.
	06:00 - 06:00	24.00	WCL	2	RIG CREW OFF UNTIL MONDAY
	06:00 - 06:00	24.00	WCL	2	RIG CREW OFF UNTIL MONDAY
4/7/2008	07:00 - 11:15	4.25	LOG	4	SICP-1,400 PSI 9 5/8" CSG-0 PSI MIRU OWP ELU. RIH TO 11,400' & SET BAKER CIRC POOH (BLEED WELL TO 0 PSI) RDMO OWP ELU.
4/7/2008	11:15 - 15:35	4.33	TRP	2	MU & RIH AS FOLLOWS: BAKER CEMENT STINGER, 1 JT TBG, 1,710" F NIPPLE & 176 STDS OF TBG TO 11,400'. STING INTO RETAINER.
	15:35 - 17:30	1.92	OTH		OPEN 9 5/8" CSG TO PIT & MONITOR. PRESSURE TEST 4 1/2" CSG TO 3,500 PSI HELD GOOD. PUMP 10 BBLs INTO TBG @ 1 BPM 3,600 PSI. BLEED 4 1/2" CSG OFF. SECURE WELL SDFN.

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Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/8/2008	07:00 - 13:45	6.75	CMT	3	SICP-0 PSI, SITP 2,100 PSI 9 5/8" CSG-0 PSI MIRU HALLIBURTON CEMENTERS. SAFETY MEETING. PRESSURE TEST LINES TO 9,500 PSI ALL HELD GOOD. HOLD 2,500 PSI ON 4 1/2 DURING JOB. GET INJECTION RATE OF 1.6 BPM 4,550 PSI. MIX & PUMP 50 SKS OF 15.8# CLASS G PREMIUM CEMENT. STAGE WITH 1 3/4 BBLs LEFT IN TBG. DID NOT GET CEMENT TO LOCK UP. STING OUT & REVERSE OUT RECOVERED 1 BBL OF GOOD CEMENT. RDMO HALLIBURTON
4/9/2008	13:45 - 17:30	3.75	TRP	2	POOH WITH 176 STDS OF TBG & LD STINGER. SECURE WELL SDFN.
	07:00 - 12:45	5.75	CMT	3	SICP-0 PSI, 9 5/8" CSG-50 PSI RAISE WORK FLOOR. ND BOP STACK, NU 4" 15M FRAC VALVE & WEATHERFORD 10M BOP STACK. LAND HANGER & PRESSURE TEST STACK TO 10,000 PSI. MUD SEALS ON PIPE RAMS ARE LEAKING. CHANGE OUT MUD SEALS, DOOR SEALS, RAM FRONTS & TOP SEALS IN PIPE RAMS. PRESSURE TEST STACK TO 10M. HELD GOOD. PULL HANGER
4/10/2008	12:45 - 16:30	3.75	TRP	2	MU & RIH AS FOLLOWS: 3.701" 4 BLADE JUNK MILL, BS, DFBPV, LBS, OIL JARS, X-OVER, 1 JT TBG, 1.710" F NIPPLE, 1 JT TBG & 171 STDS TO EOT DEPTH OF 11,148'. SECURE WELL SDFN.
	07:00 - 07:45	0.75	TRP	2	SICP-0 PSI, SITP-0 PSI 9 5/8" CSG-75 PSI RIH WITH 4 STDS & TAG CEMENT @ 11,388'.
	07:45 - 08:30	0.75	SEQ	1	RU POWER SWIVEL.
	08:30 - 17:20	8.83	DRL	4	BREAK CIRCULATION PUMPING CONVENTIONAL 3 BPM @ 2,100 PSI. DRILL 12' OF CEMENT ON TOP OF RETAINER, DRILL CIRC & CEMENT TO 11,561'. PUSH TO 11,676' PUMP FINAL GEL SWEEP & CIRCULATE CLEAN.
	17:20 - 18:00	0.67	EQT	1	PRESSURE TEST CSG TO 5,000 PSI LOST 300 PSI IN 10 MIN. SECURE WELL SDFN.
4/11/2008	07:00 - 12:00	5.00	DRL	4	SICP-0 PSI, SITP-0 PSI 9 5/8" CSG-75 PSI RIH USING POWER SWIVEL TO 12,300'. BREAK CIRCULATION PUMPING 3 BPM @ 2,100 PSI. DRILL CIRC @ 12,300'. DRILLED TOP HALF OF CIRC & TOOK A GAS KICK. RETAINER MOVED UP HOLE 30'. FINISH DRILLING RETAINER. PUMP FINAL GEL SWEEP & CIRCULATE CLEAN.
	12:00 - 12:25	0.42	SEQ	1	HANG BACK SWIVEL IN DERRICK.
	12:25 - 13:00	0.58	TRP	2	RIH WITH 14 STDS & TAG CBP @ 13,300'.
	13:00 - 15:55	2.92	CIRC	1	CIRCULATE 380 BBLs @ 3 BPM & KILL WELL.
	15:55 - 19:15	3.33	TRP	2	LD 110 JTS OF TBG. RIH 14 STDS OUT OF DERRICK LD 3 JTS TO EOT DEPTH OF 10,653' (328 JTS IN HOLE) SECURE WELL SDFN.
4/12/2008	07:00 - 08:45	1.75	CIRC	1	SICP-3,100 PSI, SITP-0 PSI 9 5/8" CSG-100 PSI BLEED GAS OFF & CIRCULATE 280 BBLs @ 3 BPM.
	08:45 - 15:35	6.83	TRP	2	LAY DOWN 328 JTS OF TBG & BHA. (BLEED GAS BUBBLE OFF WHILE PULLING OUT OF HOLE)
	15:35 - 18:00	2.42	SEQ	1	SET SWIVEL IN CRADLE. RD HANDLING TOOLS & WORK FLOOR. RD FLOW LINE & IPS MANIFOLD.
4/13/2008	07:00 - 09:15	2.25	BOP	1	SICP-2,200 PSI 9 5/8" CSG-200 PSI ND WEATHERFORD BOP STACK, LOAD OUT ON TAPIA TRUCKS & HAUL TO VERNAL YARD.
	09:15 - 13:00	3.75	OTH		LOAD OUT 304 JTS OF 2 3/8" 4.7# P-110 TBG ON TAPIA TRUCKS & HAUL TO RED WASH YARD. LOAD OUT WEATHERFORD 2 3/8" 5.9# P-110 PH-6 TUBING ON B&T TRUCKS & HAUL TO ROCK SPRINGS YARD. CLEAN FLOWBACK

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Operations Summary Report

Well Name: GB 1M-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
 Rig Release:
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/13/2008	09:15 - 13:00	3.75	OTH	4	TANKS. RACK UP PUMP & LINES.
	13:00 - 16:00	3.00	LOC		RD RIG & STRIP DOWN FOR ROADING.
4/14/2008	07:00 - 12:00	5.00	OTH		SICP-4,200 PSI
					LOAD OUT TRUCKS & MOVE OFF. RELEASE ALL RENTAL EQUIPMENT.
					EMPTY WATER TANKS.
4/18/2008	12:00 - 17:00	5.00	STIM	2	SPOT IPS FBE AND PREP LOCATION FOR FRAC. NU 4 1/16" 15K FRAC HEAD.
4/19/2008	08:00 - 15:00	7.00	STIM	2	MIRU OWP ELU. MU & RIH W/ SPENT CSG GUNS, SPANG/OIL JARS AND TAG CBP @ 13,288'. POOH & MU & RIH W/ 7- 2' GUNS AND 1- 3' GUN LOADED 3 SPF, 120° PHASE, 11 GRAM CHARGE. SHOOT 51 HOLES FROM 12,776' TO 13,112'.
	15:00 - 17:00	2.00	STIM	2	MIRU HES FRAC EQUIPMENT.
4/20/2008	08:00 - 09:45	1.75	STIM	3	FRAC STAGE #8 WITH 800 GAL. 15% HCL AT 10 BPM, 2,786 BBLS SLICKWATER CARRYING 50,841 LBS# 30/50 SINTERLITE SAND. AVG RATE= 45.6 BPM. AVG PSI= 8,883.
	09:45 - 12:15	2.50	PERF	2	PERF STG #9 WITH 1- 2' & 3- 4' GUNS LOADED 3 SPF, 120° PHASE, 11 GRAM CHARGE. SET 3.44" CFP AT 12,600' WITH 5,000 PSI. SHOOT 42 HOLES FROM 12,248' TO 12,576'.
	12:15 - 14:00	1.75	STIM	3	FRAC STAGE #9 WITH 800 GAL. 15% HCL AT 10 BPM, 4,224 BBLS SLICKWATER CARRYING 98,001 LBS# 30/50 SINTERLITE SAND. AVG RATE= 48.3 BPM. AVG PSI= 8,024.
	14:00 - 16:30	2.50	PERF	2	PERF STG #10 WITH 9- 2' GUNS LOADED 3 SPF, 120° PHASE, 11 GRAM CHARGE. SET 3.44" CBP AT 11,650' WITH 5,000 PSI. SHOOT 54 HOLES FROM 10,954' TO 11,628'.
4/21/2008	07:00 - 08:00	1.00	STIM	3	FRAC STAGE #10 WITH 800 GAL. 15% HCL AT 10 BPM, 2,854 BBLS SLICKWATER CARRYING 75,400 LBS# 30/50 SINTERLITE SAND. AVG RATE= 55.2 BPM. AVG PSI= 6,452.
	08:00 - 10:00	2.00	PERF	2	PERF STG #11 WITH 9- 2' GUNS LOADED 3 SPF, 120° PHASE, 11 GRAM CHARGE. SET 3.44" CFP AT 10,820' WITH 3,200 PSI. SHOOT 54 HOLES FROM 10,094' TO 10,800'.
	10:00 - 11:00	1.00	STIM	3	FRAC STAGE #11 WITH 800 GAL. 15% HCL AT 10 BPM, 2,459 BBLS SLICKWATER CARRYING 85,300 LBS# 30/50 SINTERLITE SAND. AVG RATE= 56.1 BPM. AVG PSI= 4,921.
	11:00 - 13:15	2.25	PERF	2	PERF STG #12 WITH 9- 2' GUNS LOADED 3 SPF, 120° PHASE, 11 GRAM CHARGE. SET 3.44" CFP AT 10,020' WITH 2,700 PSI. SHOOT 66 HOLES FROM 9,116' TO 9,996'.
	13:15 - 14:30	1.25	STIM	3	FRAC STAGE #12 WITH 800 GAL. 15% HCL AT 10 BPM, 2,396 BBLS SLICKWATER CARRYING 75,099 LBS# 20/40 CRC SAND. AVG RATE= 53.6 BPM. AVG PSI= 5,158.
4/22/2008	14:30 - 18:00	3.50	LOC	4	RDMO HES FRAC EQUIPMENT & OWP ELU. MI IPS CTU & GCDOE.
	06:00 - 23:00	17.00	DRL	6	MIRU IPS CTU, GCDOE AND SPIRIT FLUIDS. LOAD CT WITH 80° WATER. MU QUALITY 2 7/8" MOTOR/JARS WITH 3.625" 5-BLADE JUNK MILL. TEST STACK TO 8,000 PSI. RIH AND DRILL OUT 6 PLUGS IN 8 HOURS. TAG PBTD AT 17,082' (FC DEPTH 17,082'). PUMP FINAL 10 BBLS SWEEP AND POOH. RDMO IPS CTU, GCDOE & SPIRIT FLUIDS.
4/23/2008	06:00 - 06:00	24.00	DRL	6	FLOWING TO SALES THROUGH IPS FBE.
4/24/2008	06:00 - 06:00	24.00	DRL	6	FLOWING TO SALES THROUGH IPS FBE.
4/25/2008	06:00 - 06:00	24.00	DRL	6	FLOWING TO SALES THROUGH IPS FBE.
4/26/2008	06:00 - 06:00	24.00	DRL	6	FLOWING TO SALES THROUGH IPS FBE.
4/27/2008	06:00 - 06:00	24.00	DRL	6	FLOWING TO SALES THROUGH IPS FBE.

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Operations Summary Report

Well Name: GB 1M-4-8-22R
Location: 4- 8-S 22-E 26
Rig Name: ROCKY MTN WS

Spud Date: 1/24/2007
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/27/2008	06:00 - 06:00	24.00	DRL	6	RDMO IPS FBE. MIRU IPS SU. TEST STACK. RIH W/ BHA & 419 JTS 2 3/8" 8RD 4.7# P-110 TO EOT @ 13,338'. INSTALL HANGER & HANG OFF. RDMO IPS SU. NU 2 1/16" PROD TREE TEST TREE & HANGER. RU IPS, PUMP PLUG OFF. TURN WELL OVER TO PRODUCTION.
4/28/2008	06:00 - 12:00	6.00	DRL	6	
2/9/2009	06:00 - 18:00	12.00	TRP	8	

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other: RECOMPLETE - REPERF

2. Name of Operator
Questar Exploration & Production Co.

3. Address 11002 EAST 17500 SOUTH - VERNAL, UT 84078

3a. Phone No. (include area code)
435.781.4342 - Dahn Caldwell

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1147' FNL, 474' FEL, NENE, SEC 4-T8S-R22E

At top prod. interval reported below
1147' FNL, 474' FEL, NENE, SEC 4-T8S-R22E

At total depth 1147' FNL, 474' FEL, NENE, SEC 4-T8S-R22E

14. Date Spudded
01/24/200715. Date T.D. Reached
06/06/200716. Date Completed 04/22/2008
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
5190' KB18. Total Depth: MD 17,114'
TVD19. Plug Back T.D.: MD 17,063'
TVD20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL/VDL/GR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	54.5#		526'		500 SXS		SURF - CIRC	
12-1/4"	9-5/8"	47#		6107'		1427 SXS		SURF - UNK	
6-1/8"	4-1/2"	15.1#		17,083'		865 SXS		2875' - CBL	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	13,338'							

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) SEE ATTACHMENT ONE			SEE ATTACHMENT ONE			
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
SEE ATTACHMENT ONE	SEE ATTACHMENT ONE

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4/22/08	4/25/08	24	→	TRACE	2785	1784			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
22/64	N/A	3100	→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

FORMATION TOPS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
UINTA	SURFACE			MANCOS SHALE	12526'
GREEN RIVER	2936'			MANCOS 'B'	12984'
MAHOGANY	4007'			FRONTIER	15859'
WASATCH	6544'				
MESA VERDE	9203'				
CASTLEGATE	11758'				
BLACKHAWK	12110'				

32. Additional remarks (include plugging procedure):

FUTURE OIL PROSPECTS ARE GREEN RIVER.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

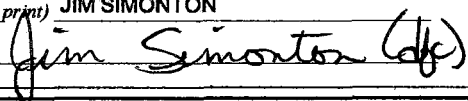
- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other: ATTACHMENT - PERF & FRAC INFO

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) JIM SIMONTON

Title COMPLETION SUPERVISOR

Signature



Date 12/15/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make, in any matter within its jurisdiction, any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

(Continued on page 3)

(Form 3160-4, page 2)

Perforation Detail Attachment - New Perforations from Recompletion

PERFORATION DETAIL						Perf Status
Open Perfs	Stimulation					
9116' - 9120'	Frac w/	75,099	Lbs in	100,632	Gals	Open - Wasatch
9229' - 9231'						Open - Mesa Verde
9284' - 9286'						Open - Mesa Verde
9302' - 9304'						Open - Mesa Verde
9328' - 9330'						Open - Mesa Verde
9382' - 9384'						Open - Mesa Verde
9860' - 9862'						Open - Mesa Verde
9880' - 9882'						Open - Mesa Verde
9980' - 9982'						Open - Mesa Verde
9994' - 9996'						Open - Mesa Verde
10094' - 10096'	Frac w/	85,300	Lbs in	103,278	Gals	Open - Mesa Verde
10222' - 10224'						Open - Mesa Verde
10245' - 10247'						Open - Mesa Verde
10310' - 10312'						Open - Mesa Verde
10368' - 10370'						Open - Mesa Verde
10398' - 10400'						Open - Mesa Verde
11544' - 10546'						Open - Mesa Verde
10580' - 10582'						Open - Mesa Verde
10798' - 10800'						Open - Mesa Verde
10954' - 10956'	Frac w/	75,400	Lbs in	119,868	Gals	Open - Mesa Verde
11034' - 11036'						Open - Mesa Verde
11050' - 11052'						Open - Mesa Verde
11106' - 11108'						Open - Mesa Verde
11234' - 11236'						Open - Mesa Verde
11626' - 11628'						Open - Mesa Verde
11454' - 11456'						Open - Mesa Verde
11422' - 11424'						Open - Mesa Verde
11372' - 11374'						
12248' - 12252'	Frac w/	98,001	Lbs in	177,408	Gals	Open - Blackhawk
12389' - 12393'						Open - Blackhawk
12484' - 12486'						Open - Blackhawk
12572' - 12576'						Open - Blackhawk
12776' - 12778'	Frac w/	50,841	Lbs in	117,012	Gals	Open - Blackhawk
13007' - 13009'						Open - Mancos 'B'
13016' - 13019'						Open - Mancos 'B'
13040' - 13042'						Open - Mancos 'B'
13045' - 13047'						Open - Mancos 'B'
13058' - 13060'						Open - Mancos 'B'
13083' - 13085'						Open - Mancos 'B'
13110' - 13112'						Open - Mancos 'B'
13150' - 13152'						Open - Mancos 'B'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.5. Lease Serial No.
UTU-02510A6. If Indian, Allottee or Tribe Name
N/A**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other7. If Unit of CA/Agreement, Name and/or No.
WHITE RIVER UNIT2. Name of Operator
Questar Exploration & Production Co.8. Well Name and No.
GB 1M 4 8 22R3a. Address
11002 East 17500 South - Vernal, UT 840783b. Phone No. (include area code)
435.781.4342 - Dahn Caldwell9. API Well No.
43-047-3899010. Field and Pool or Exploratory Area
UNDESIGNATED4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1147' FNL, 474' FEL, NENE, SEC 4-T8S-R22E11. Country or Parish, State
Uintah County, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>SQZ HOLE</u>	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

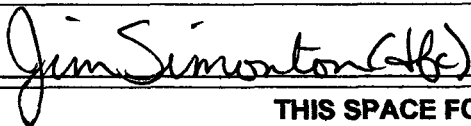
This well had squeeze work done on 11/1/07.

Squeeze holes @ 13,150' & 11,550'. Attempted to pump into squeeze holes w/ 4000# pressure with no break.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Jim Simonton

Title Completion Supervisor

Signature



Date 04/15/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

CONFIDENTIAL

APR 20 2009

DIV. OF OIL, GAS & MINING

State of Utah
Division of Oil, Gas and Mining

ENTITY ACTION FORM - FORM 6

OPERATOR: Questar Exploration & Production Co.
ADDRESS: 1571 East 1700 South
Vernal, Utah 84078 (435)781-4342

OPERATOR ACCT. No. N-5085

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
E	15879	15879	43-047-38990	GB 1M 4 8 22R	NENE	4	8S	22E	Uintah	1/24/07	4/22/08

WELL 1 COMMENTS: **WSTC & MVRD**

Separate formations

4/29/09

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected


(3/89)

RECEIVED

APR 27 2009

DIV. OF OIL, GAS & MINING

CONFIDENTIAL


Signature

Office Administrator 4/22/08
Title Date

Phone No. (435)781-4342

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

UTU-02510A

6. If Indian, Allottee or Tribe Name

N/A

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

QUESTAR EXPLORATION & PRODUCTION CO.

CONTACT: Mike Stahl

3a. Address

11002 EAST 17500 SOUTH, VERNAL, UTAH 84078

3b. Phone No. (include area code)

(303) 308-3613

7. If Unit of CA/Agreement, Name and/or No.

WHITE RIVER UNIT

8. Well Name and No.

GB 1M-4-8-22R

9. API Well No.

43-047-38990

10. Field and Pool or Exploratory Area

UNDESIGNATED

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1147' FNL 474' FEL, NENE, SECTION 4, T8S, R22E

11. Country or Parish, State

UINTAH, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	COMMINGLING
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

In Compliance with the Administrative Utah code for drilling and operating practice R649-3-22, completion into two or more pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the GB 1M-4-8-22R. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the gas streams.

Questar requests approval for the commingling of production of the Dakota to the Wasatch intervals. Based upon offset production logs, the proposed initial allocation is as follows: Dakota - 2%, Mancos - 14%, Mesa Verde - 82%, Wasatch 2%.

On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinued after the fifth anniversary of the initial production.

COPY SENT TO OPERATOR

Date: 6.10.2009

Initials: KS

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Laura Bills

Title Associate Regulatory Affairs Analyst

Signature

Laura Bills

Date 05/11/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Title

Pet Eng.

Date

6/9/09

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

DOGM

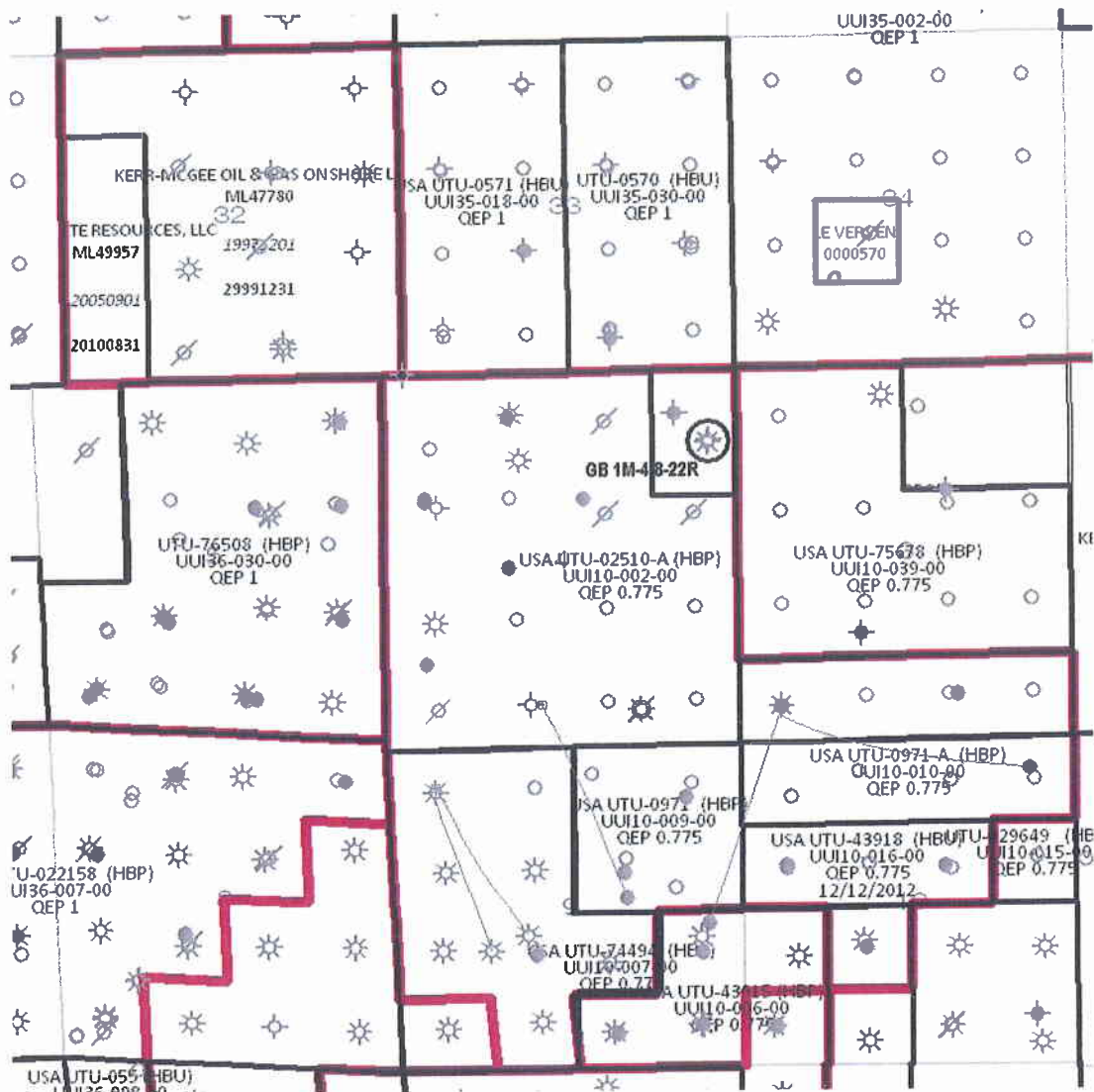
Federal Approval of This
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
MAY 14 2009

DIV. OF OIL, GAS & MINING



T8S-R22E

○ Commingled well

Tw/Kmv
COMMINGLED PRODUCTION
 Uinta Basin—Uintah County, Utah

Well: GB 1M-4-8-22R
Lease: UTU 02510A

QUESTAR
 Exploration and
 Production

1050 17th St., # 500 Denver, CO 80265

Geologist:

Landman: Nate Koeniger/Chad Matney/Birgit Roesink

Date: April 20, 2009

AFFIDAVIT OF NOTICE

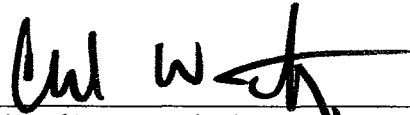
STATE OF COLORADO)
) ss:
COUNTY OF DENVER)

Chad W. Matney, being duly sworn, deposes and says:

1. That I am employed by Questar Exploration and Production Company in the capacity as a Landman. My business address is:

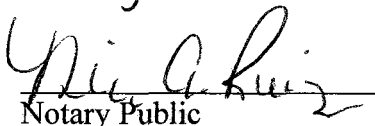
Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265

2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 649-3-22, I have provided a copy of Questar Exploration and Production Company's application for completion of the GB 1M-4-8-22R well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.
3. In my capacity as a Landman, I am authorized to provide such notice of Questar Exploration and Production Company's application to contiguous owners and to make this affidavit on this 6th day of May 2009.



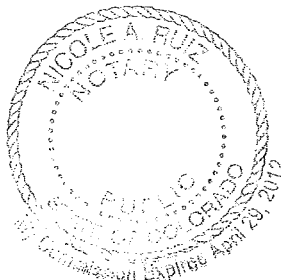
Printed Name: Chad W. Matney

The foregoing instrument was sworn to and subscribed before me this 6th day of May 2009, by Chad W. Matney.


Notary Public

Commission Expires

4-29-2012



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

Change of Operator (Well Sold)

X - Operator Name Change

The operator of the well(s) listed below has changed, effective:

6/14/2010

FROM: (Old Operator): N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	TO: (New Operator): N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048
----------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------

CA No.

Unit:

WHITE RIVER

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1 TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
2 NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 <i>City</i> Denver STATE <i>CO</i> ZIP <i>80265</i>		7. UNIT or CA AGREEMENT NAME: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		8. WELL NAME and NUMBER: See attached
5. PHONE NUMBER: (303) 672-6900		9. API NUMBER: Attached
6. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See attached
COUNTY:		STATE:
UTAH		

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Change</u>

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*

Utah State Bond Number: ~~965003033~~

Fee Land Bond Number: ~~965003033~~ *965010695*

BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

RECEIVED

JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED *6/13/2009*

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
WHITE RIVER
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WR 16-9	09	080S	220E	4304715081	4915	Federal	OW	S	
WRU EIH 15-35-8-22	35	080S	220E	4304733061	12528	Federal	GW	P	
WRU EIH 12W-35-8-22	35	080S	220E	4304733393	12528	Federal	GW	P	
WR 13W-3-8-22	03	080S	220E	4304733651	13544	Federal	GW	P	
OU GB 6W-9-8-22	09	080S	220E	4304734010	13545	Federal	GW	P	
WRU EIH 4W-35-8-22	35	080S	220E	4304734042	12528	Federal	GW	P	
WRU EIH 3W-35-8-22	35	080S	220E	4304734044	12528	Federal	GW	P	
WRU GB 4WRG-9-8-22	09	080S	220E	4304734208	4915	Federal	OW	P	
WRU EIH 13WX-35-8-22	35	080S	220E	4304734210	12528 13456	Federal	GW	P	
WRU EIH 5W-35-8-22	35	080S	220E	4304734572	12528	Federal	GW	P	
OU GB 14W-9-8-22	09	080S	220E	4304734649	13545	Federal	GW	P	
WRU GB 9MU-9-8-22	09	080S	220E	4304734650	13545	Federal	GW	P	
OU GB 10W-9-8-22	09	080S	220E	4304734651	13545	Federal	GW	P	
OU GB 15W-9-8-22	09	080S	220E	4304734678	13545	Federal	GW	P	
OU GB 16W-9-8-22	09	080S	220E	4304734679	13545	Federal	GW	P	
WRU EIH 6W-35-8-22	35	080S	220E	4304734684	12528 16723	Federal	GW	P	
GB 11ML-10-8-22	10	080S	220E	4304734691	14818	Federal	GW	P	
WRU EIH 11W-35-8-22	35	080S	220E	4304734708	12528	Federal	GW	P	
WRU GB 5M-9-8-22	09	080S	220E	4304734753	13545 14447	Federal	GW	S	
OU GB 12W-4-8-22	04	080S	220E	4304734762	13718	Federal	GW	P	
OU GB 12M-10-8-22	10	080S	220E	4304734769	13545	Federal	GW	P	
WRU EIH 14W-26-8-22	26	080S	220E	4304734835	12528	Federal	GW	TA	
WRU EIH 11MU-26-8-22	26	080S	220E	4304734836	12528 13713	Federal	GW	P	
WRU EIH 10W-35-8-22	35	080S	220E	4304735046	12528 15700	Federal	GW	P	
WRU EIH 9MU-26-8-22	26	080S	220E	4304735047	12528 14003	Federal	GW	P	
WRU EIH 15MU-26-8-22	26	080S	220E	4304735048	12528	Federal	GW	P	
WRU EIH 1MU-35-8-22	35	080S	220E	4304735049	12528	Federal	GW	P	
WRU EIH 9M-35-8-22	35	080S	220E	4304735050	12528 14005	Federal	GW	P	
WRU EIH 7MU-35-8-22	35	080S	220E	4304735051	12528 14106	Federal	GW	P	
WRU EIH 1MU-26-8-22	26	080S	220E	4304735118	12528 14349	Federal	GW	P	
WRU EIH 7MU-26-8-22	26	080S	220E	4304735119	12528 14102	Federal	GW	P	
WRU EIH 10MU-26-8-22	26	080S	220E	4304735120	12528 14107	Federal	GW	P	
WRU EIH 15MU-35-8-22	35	080S	220E	4304735121	12528 14197	Federal	GW	P	
WRU EIH 10ML-23-8-22	23	080S	220E	4304735187	12528 14503	Federal	GW	P	
WRU EIH 9ML-23-8-22	23	080S	220E	4304735189	12528 14504	Federal	GW	S	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
WHITE RIVER
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WRU EIH 16MU-26-8-22	26	080S	220E	4304735191	12528 14351	Federal	GW	P	
WRU EIH 2MU-26-8-22	26	080S	220E	4304735192	12528 14104	Federal	GW	P	
WRU EIH 8MU-26-8-22	26	080S	220E	4304735193	12528 14234	Federal	GW	P	
WRU EIH 16MU-35-8-22	35	080S	220E	4304735194	12528 14198	Federal	GW	P	
WRU EIH 8MU-35-8-22	35	080S	220E	4304735195	12528 17329	Federal	GW	P	
WRU EIH 13MU-25-8-22	25	080S	220E	4304735329	12528 14168	Federal	GW	P	
WRU EIH 15ML-23-8-22	23	080S	220E	4304735387	12528 14681	Federal	GW	S	
WRU EIH 4MU-25-8-22	25	080S	220E	4304735388	12528 14339	Federal	GW	P	
WRU EIH 3MU-25-8-22	25	080S	220E	4304735389	12528 14341	Federal	GW	P	
WRU EIH 12ML-24-8-22	24	080S	220E	4304735425	12528 14536	Federal	GW	P	
WRU EIH 14ML-24-8-22	24	080S	220E	4304735426	12528 14646	Federal	GW	P	
WRU EIH 6MU-25-8-22	25	080S	220E	4304735431	12528 14379	Federal	GW	P	
WRU EIH 5MU-25-8-22	25	080S	220E	4304735432	12528 14240	Federal	GW	P	
WRU EIH 12MU-25-8-22	25	080S	220E	4304735601	12528 14214	Federal	GW	P	
WRU EIH 14MU-35-8-22	35	080S	220E	4304735667	12528 14615	Federal	GW	P	
WRU EIH 13ML-24-8-22	24	080S	220E	4304735793	12528 14644	Federal	GW	S	
WRU EIH 16ML-23-8-22	23	080S	220E	4304735804	12528 14683	Federal	GW	P	
WRU EIH 11ML-24-8-22	24	080S	220E	4304735805	12528 14540	Federal	GW	P	
WRU EIH 6B-ML-35-8-22	35	080S	220E	4304737299	12528 15281	Federal	GW	P	
WRU EIH 11BML-35-8-22	35	080S	220E	4304737300	12528 15282	Federal	GW	P	
WRU EIH 3D-ML-35-8-22	35	080S	220E	4304737465	12528 15552	Federal	GW	P	
WRU EIH 7D-ML-35-8-22	35	080S	220E	4304737466	12528 15637	Federal	GW	P	
WRU EIH 4AD-25-8-22	25	080S	220E	4304738636	12528 16651	Federal	GW	P	
WRU EIH 7AD-26-8-22	26	080S	220E	4304738637	12528 16579	Federal	GW	P	
WRU EIH 6DD-35-8-22	35	080S	220E	4304738640	12528 16511	Federal	GW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
 WHITE RIVER
 effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WRU EIH 7AD-35-8-22	35	080S	220E	4304738641	16180	Federal	GW	P	
WRU EIH 14BD-35-8-22	35	080S	220E	4304738642	17143	Federal	GW	OPS	C
WRU EIH 9CD-26-8-22	26	080S	220E	4304738649	12528 16446	Federal	GW	P	
GB 1M-4-8-22R (RIGSKID)	04	080S	220E	4304738990	15879	Federal	GW	P	
WRU EIH 6D-5-8-23	05	080S	230E	4304738994	16415	Federal	GW	P	
WRU GB 13G-3-8-22	03	080S	220E	4304739792	4915	Federal	OW	P	
WRU GB 14G-4-8-22	04	080S	220E	4304740097	4915	Federal	OW	P	
GB 3D-4-8-22R(RIGSKID)	04	080S	220E	4304740345	17099	Federal	GW	P	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:

3100

(UT-922)

JUL 28 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals

Roger L. Bankert

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the ~~Eastern States Office~~. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM

RECEIVED

AUG 16 2010

DIV OF OIL, GAS & MIN. (D&M)